



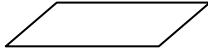
مدونة المناهج السعودية

<https://eduschool40.blog>

الموقع التعليمي لجميع المراحل الدراسية

في المملكة العربية السعودية

## الاشكال الموجوده و اختصارتها

1- Output:- statement evaluates an expression and then displays the result to the screen 

الاخراج هنا يكتب التعبير و يعرض الخرج على الشاشة

2- Declare:- statement is used to create variable and arrays these are used to store data while program run:-



يتم استخدام العبارة لإنشاء متغير و يتم استخدام هذه المصفوفه لتخزين البيانات اثناء البرنامج

3- Input:- read statement value from the keyboard and stores the result in a variable 

قراءه بيان القيمه من لوحه المفاتيح و يخزن النتيجة في متغير

4- If :- if statements checks Boolean expression then executes a true or false branch based on result 

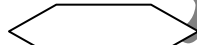
اذا كانت تعبر عن خطأ او صواب

5- Assign:- assignment statment calculates an  expression and then stores the result in a variable .

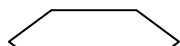
تستخدم لتعيين الجمل الرياضيه و يوضع فى متغير

6- For loop:- increment or decrement avariable through arrange of value 

هنا على العد التنازلى او التصاعدي خلاص قيم من الى و تكون معروغه مسبقا

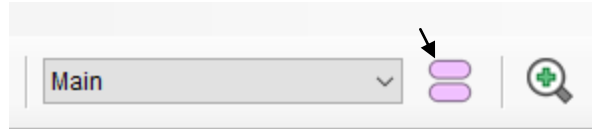
7- While:- evaluates a Boolean expression and if true executes statement . it rechecks the expression and loop until it is false 

هنا يتم اتباع شرط معين اذا تحقق ينفذ مجموعه من الجمل و اذا لم يحقق يخرج خارج التكرار و هنا الشرط اولاً تم التنفيذ

8- Do while loop :- it similar to a while loop except that the block of statement is executed at least once before the expression is check 

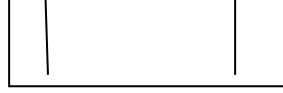
هنا مثل while و الفرق التنفيذ اولاً تم اختبار الشرط

9- Function :-



Allow program to both reuse code and simplify logic  
data is passed into function using parameters  
السماح للبرنامج لاعاده استخدام رمز و بوجود معاملات

- 10- Call statement transfer control to function inf is passed into the function using “argument”



هي دالة استدعاء function

- 11- Comments :- don't affect how your program run used for documentation about program for other programmer

هنا يتم اضافته فقط التعليقات وليس اكثر لاياتر في سير البرنامج ابداء و توضيح المخرجات

- 12- Debugging program :- refer to process of removing any error in computer program

يستخدم هنا لتصحيح الاخطاء و ازلتها

- 13- Watching variables



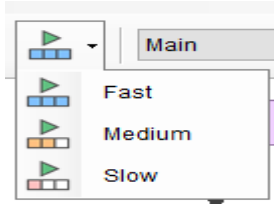
Program execute the value stored by different variables create in it may change from one step to next

هنا يتم تسجيل كل خطوه من خطوات التنفيذ من كل الخطوات الموجوده

- 14- Controlling flowchart EXECUTION Speed :-

Allow control the speed at which flowchart execution

step when you click RUN speed on menu contain three fast – medium and slow



التحكم في تنفيذ مخطط انسيابي التحطم في السرعة التي بها خطوه تنفيذ انسيابي عند النقر فوق قائمه السرعات

### 15 - stepping through a flowchart

It very important feature that is typically available in code development environment

You can repeated use step button to right of run every click

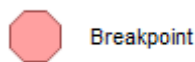
step will execution one



تنفيذ

توقف

16- Breakpoint :- temporarily halts execution of program is usefull both debugging program for demonstration



17- توقف مؤقت للتنفيذ

18- Code generation :- can produce the equivalent code in any 21 programminr languages

هنا يحول ال flow chart الى لغة من لغات البرمجه

## اسئله العملي

Choose :-

1- : \_\_\_\_\_ - statement is used to create variable and arrays these are used to store data while program run:-

1- Input 2- output 3- if 4- Declare 5- **Assign**

2- assignment statement calculates an expression and then stores the result in a variable

1- Input 2- output 3- if 4- Declare 5- Assign

3- read statement value from the keyboard and stores the result in a variable

1- Input 2- output 3- if 4- Declare 5- **Assign**

4- :- if statements checks Boolean expression then executes a true or false branch based on result

1- Input 2- output 3- if 4- Declare 5- **Assign**

5- :- statement evaluates an expression and then displays the result to the screen

1- Input 2- output 3- if 4- Declare 5- Assign

6- :- don't affect how your program run used for documentation about program for other programmer

1- Breakpoint 2- Code generation 3- Watching variables 4- Comments

7- You can repeated use step button to right of run every click step will execution one

1- Breakpoint 2- Code generation 3- Watching variables 4- Comments 5- stepping through a flowchart

8- temporarily halts execution of program is usefull both debugging program for demonstration

1- Breakpoint 2- Code generation 3- Watching variables 4- Comments 5- stepping through a flowchart

9- can produce the equivalent code in any 21 program languages

1- Code generation 2- Input 2- output 3- if

10 - -----the value stored by different variables create in it may change from one step to next

1- Program execute 2- Code generation 3- Watching variables

10- -----evaluates a Boolean expression and if true executes statement . it rechecks the expression and loop until it is false

1- While 2- do While 3-for

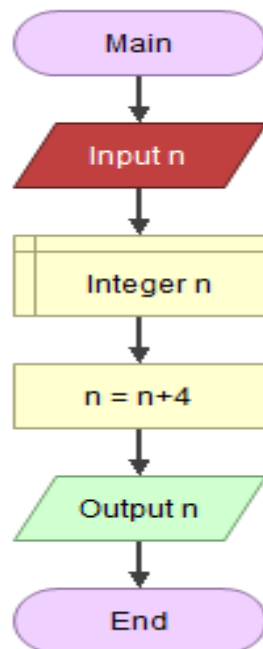
11- -----:- it similar to a while loop except that the block of statement is executed at least once before the expression is check

1- While 2- do While 3-for

12-----increment or decrement variable through arrange of value

1- While 2- do While 3-for

1-Correct the error in program?





19- When number of time certain task has to be repeated is know beforehand for most situation the appropriate type loop For loop

1- When the number of time certain task has repeate is not know beforehand possible because it dependent on user input type loop

Either while or do while

2- When decision perform acertain number of step depend on true or false

If condtion

3- When flow chart need remember or store value it use  
valuable

4- Number type valuable 4

5- Multiplication \*

0596420301 مہنگہ ہند سلیپر