**Q1**: Consider the following C++ program:

void main()

{

 int a= 5, b= 7, c=10;

 bool x= false;

 if ( (b%2==0) || (2\*a >= c) || x)

 {

 a= a \*10;

 b= b \* 100;

 cout << a <<endl << b << endl;

 }

 else

 {

 c = c\* 10;

 cout<< c << endl;

 }

 a = a -1;

 b= b-1;

 c= c- 1;

 cout<< a << endl << b <<endl << c<< endl;

}

1. Convert the previous C++ program into a flowchart.
2. What is the output of the program?

**Q2**: Write a C++ program that asks the user to input one integer number, and prints out “ even “ ( زوجي ) if it the number is an even number, otherwise it prints out “ odd” ( فردي) .

**Q3**: Give one example of:

* An invalid identifier name
* A syntax error