**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