**Question 1**

//Example program

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

//test if a number is even

//we write a function definition

bool isEven(int number){

if(number%2==0){

return true;

}

return false;

}

int main(){

int num;

cout<<"Enter an integer:";

cin>>num;

if(!cin){

//if you are asking cin to receive an integer and what is not entered in not,it fail

//the returns false

cout<<"Error: Please enter a number";

return 0;//note that a return statement terminates code execution

}

//now we call the function and assign its return value to a variable called even

//note the way we pass value recieved from the user;num.

bool even=isEven(num);

if(even){

cout<<"number is even\n";

}else{

cout<<"Number is not even";

}

return 0;

}

Question 2

//Example for a program

#include <iostream>

#include <string>

using namespace std;

int main()

{

string words;

cout<<"Type four words";

getline(cin,words);

cout<<words;

return 0;

}

**Question 3**

#include <iostream>  
#include <string>  
using namespace std;

int main()  
{  
    int number;  
    string bin;  
    char holder=' ';  
    cout<<"input the value";  
    cin>>number;  
    while(number!=0)  
    {  
        holder=number%2+'0';  
        bin=holder+bin;  
        number/=2;  
    }  
    cout<<bin;  
    return 0;  
}