# Assignment-2

2)WAP to check whether a number is EVEN or ODD ??

#include<iostream>

using namespace std;

class Number

{

int num;

public: void check()

{

cout<<"Number is \n";

cin>>num;

if(num%2==0)

{

cout<<"Number is Even \n";

}

else{

cout<<"Numbers is odd \n";

}

}

};

int main()

{

Number n1;

n1.check();

}

3) WAP to check whether a person is Eligible for VOTE or NOT ??

#include<iostream>

using namespace std;

class Eligible

{

int age;

public: void check()

{

if(age>=18)

{

cout<<"Eligible to vote \n";

}

else{

cout<<"Not eligible to vote \n";

}

}

};

int main()

{

Eligible e1;

} e1.check();

}

4) WAP to check whether a number is GREATER THAN 10 or NOT ??

#include<iostream>

using namespace std;

class Greater1

{

int num;

public: void check()

{

cout<<" Enter a Number \n";

cin>>num;

if(num>=10)

{

cout<<"Greater than 10 \t";

}

else{

cout<<"Less than 10";

}

}

};

int main()

{

Greater1 g1;

g1.check();

}

5) WAP to find the GREATER of TWO numbers ??

#include<iostream>

using namespace std;

class Greater\_two

{

int num1,num2;

public: void find()

{

cout<<"Enter two numbers \n";

cin>>num1>>num2;

if(num1>num2)

{

cout<<"num1 is greater \t";

}

else

{

cout<<"num2 is greater \t";

}}

};

int main()

{

Greater\_two g1;

g1.find();

}

6) WAP to find the GREATER of THREE Numbers??

#include<iostream>

using namespace std;

class Greater\_three

{

int num1,num2,num3;

public: void find()

{

cout<<"Enter three numbers \n";

cin>>num1>>num2>>num3;

if(num1>num2 && num1>num3)

{

cout<<"num1 is greater \t";

}

else if(num2>num1 && num2>num3)

{

cout<<"num2 is greater \t";

}

else{cout<<"num3 is greater";}

}

};

int main()

{

Greater\_three g1;

g1.find();

}

7)WAP to check whether a number is +VE OR –VE OR ZERO ??

#include<iostream>

using namespace std;

class Positive

{

int num;

public: void check()

{

cout<<"Enter a Number \n";

cin>>num;

if(num>0)

{

cout<<"Number is Positive \n";

}

else if(num<0)

{

cout<<"Number is Negative \n";

}

else{

cout<<"Number is Zero\n";

}

}

};

int main()

{

Positive p1;

p1.check();

}

8)WAP to check the EQUALITY of 2 numbers ??

#include<iostream>

using namespace std;

class Equality

{

int a,b;

public: void check()

{

cout<<"Numbers are\n";

cin>>a>>b;

if(a==b)

{

cout<<"Numbers are equal \n";

}

else{

cout<<"Not Equal\n";

}

}

};

int main()

{

Equality E1;

E1.check();

}

9)WAP to check the INEQUALITY of 2 numbers ??