PROGRAM 01:

#include<iostream>

using namespace std;

int main()

{

int age = 18;

if (age>= 18)

{

cout<<"You are eligible to vote."<<endl;

}

if (age>= 30)

{

cout<<"You are not eligible to vote."<<endl;

}

return 0;

}

PROGRAM 02:

#include<iostream>

using namespace std;

int main()

{

int score ;

cout<<"Enter Your Score: ";

cin>>score;

if (score>=90)

{

cout<<"Grade: A"<<endl;

}

else if(score>=90)

{

cout<<"Grade: B"<<endl;

}

else if(score>=70)

{

cout<<"Grade: C"<<endl;

}

else

{

cout<<"Grade: F"<<endl;

}

return 0;

}

PROGRAM 03:

#include<iostream>

using namespace std;

int main()

{

int age;

cin>>age;

bool hasID = true;

if(age>= 18)

{

if(hasID)

{

cout<<"Entry Allowed."<<endl;

}

else

{

cout<<"Please Show ID."<<endl;

}

}

else

{

cout<<"Underage, Entry denied."<<endl;

}

return 0;

}

PROGRAM 04:

#include<iostream>

using namespace std;

int main()

{

int day;

cout<<"Enter Day Number: ";

cin>>day;

switch(day)

{

case 1:

cout<<"Monday"<<endl;

break;

case 2:

cout<<"Tuesday"<<endl;

break;

case 3:

cout<<"Wednesday"<<endl;

break;

case 4:

cout<<"Thursday"<<endl;

break;

case 5:

cout<<"Friday"<<endl;

break;

case 6:

cout<<"Saturday"<<endl;

break;

default:

cout<<"Invalid Day"<<endl;

}

return 0;

}

PROGRAM 05:

#include<iostream>

using namespace std;

int main()

{

int number;

cout<<"Enter your Number: "<<endl;

cin>>number;

if(number>0)

{

cout<<"Number is Positive ";

}

if(number<0)

{

cout<<"Number is Negative ";

}

else

{

cout<<"Number is Zero";

}

return 0;

}

PROGRAM 06:

#include<iostream>

using namespace std;

int main()

{

int n;

cout<<"Enter a Number: ";

cin>>n;

if(n%2==0)

{

cout<<"Yeh number Even hai";

}

else

{

cout<<"Yeh number Odd hai";

}

return 0;

}

PROGRAM 07:

#include<iostream>

using namespace std;

int main()

{

int num;

cout<<"Enter Your Number: ";

cin>>num;

if(num>100)

{

cout<<"Yeh Number 100 is bara hai";

}

else

{

cout<<"Yeh Falto Number hai";

}

return 0;

}

PROGRAM 08:

#include <iostream>

using namespace std;

int main()

{

int num1, num2;

cout << "Enter the first number: ";

cin >> num1;

cout << "Enter the second number: ";

cin >> num2;

if (num1 > num2)

{

cout << "The greatest number is " << num1 << endl;

}

else if (num2 > num1)

{

cout << "The greatest number is " << num2 << endl;

}

else

{

cout << "Both numbers are equal." << endl;

}

return 0;

}

PROGRAM 09:

#include <iostream>

using namespace std;

int main()

{

int year;

cout << "Enter a year: ";

cin >> year;

if ((year % 4 == 0 && year % 100 != 0) || (year % 400 == 0))

{

cout << year << " is a leap year." << endl;

}

else

{

cout << year << " is not a leap year." << endl;

}

return 0;

}