

Programming Fundamentals

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Assignment No # 03

Write a program in C++ using switch statement that contain option as under

Enter 1--> To Find Largest Number Among Three Variables.

Enter 2--> To Find ODD or EVEN

Enter 3--> To Find Condition of Water

Enter 4--> To Find Grade Of Student

Program No 1:

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| --- |
| #include <iostream>  using namespace std;  int main()  {  int a;  cout<<"Enter Number to do Specific Function = ";  cin>>a;  switch (a)  {  case 1:  cout<<"To Find Largest Number Among Three Variables.\n";  int Num1,Num2,Num3;  cout<<"Input the value of Number 1= ";cin>>Num1;  cout<<"Input the value of Number 2= ";cin>>Num2;  cout<<"Input the value of Number 3= ";cin>>Num3;  if (Num1>Num2 && Num1>Num3)  {cout<<"Number 1 is greater";}  else if (Num2>Num1 && Num2>Num3)  {cout<<"Number 2 is greater";}  else if (Num3>Num2 && Num3>Num1)  {cout<<"Number 3 is greater"; }  else if (Num1==Num2 && Num1==Num3)  {  cout<<"Three numbers are Equal";  }  else  {  cout<<"You entered invalid datatype";  }  break;    case 2:  cout<<"To Find ODD or EVEN\n";  int A\_Var;  cout<<"Enter an Integer to check is its Even or Odd= ";cin>>A\_Var;  if (A\_Var%2==0)  cout<<"The Number is Even";  else{cout<<"The Number is Odd";}  break;  case 3:  cout<<"To Find Condition of Water\n";  int temp;  cout<<"Enter the temperature= ";cin>>temp;  if (temp<=0)  {cout<<"It is ICE";}  else if (temp>0 && temp<100)  {cout<<"It is Water";}  else if (temp>=100)  {cout<<"It is STREAM";}  break;  case 4:  cout<<"To Find Grade Of Student";  int grade;  cout<<"Enter Your Obtain Marks= "; cin>>grade;  if (grade>=90)  {cout<<"You got Grade A";}  else if (grade>=80)  {cout<<"You got Grade B";}  else if (grade>=70)  {cout<<"You got Grade C";}  else if (grade>=60)  {cout<<"You got Grade D";}  else  {cout<<"You are failed\nBetter Luck Next time";}  break;    default:  break;  }  } |

Output:







