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| 1 | C++ Program to Find the Number of Integers and their sum from n1 to n2 those are divisible by 5 |
|  | #include "iostream"  using namespace std;  main()  {  int i,n1,n2,c=0,s=0;  cout<<"Enter value of n1 and n2";  cin>>n1>>n2;  for(i=n1;i<=n2;i++)  {  if(i%5==0)  {  c++;  s=s+i;  }  }  cout<<"Number of integers divisible by 5 is" << c<<endl;  cout<<"Sum of integers is"<<s;  } |
| 2 | C++ Program to Read Two Integers M and N & Swap their Values without extra memory space |
|  | #include "iostream"  using namespace std;  main()  {  int n1,n2;  cout<<"enter any two numbers";  cin>>n1>>n2;  n1^=n2^=n1^=n2;  cout<<n1<<" "<<n2;  } |
| 3 | C++ Program to Calculate the Sum of Odd & Even Numbers from 1 to 10 |
|  | #include "iostream"  using namespace std;  main()  {  int esum=0,osum=0,i;  for(i=1;i<=10;i++)  {  if(i%2==0)  esum=esum+i;  else  osum=osum+i;  }  cout<<"Sum of Even numbers"<<esum<<endl;  cout<<"Sum of Odd numbers"<<osum<<endl;  } |
| 4 | C++ Program to Find if a given Year is a Leap Year |
|  | #include "iostream"  using namespace std;  main()  {  int year;  cout<<"Enter a year: ";  cin>>year;  if(year%4==0)  cout<<"is a leap year.";  else  cout<<"is not a leap year.";  return 0;  } |
| 5 | Calculate the average marks of student looking at the following table  p1 p2 p3 p4 average Result  >=60% first  >=50 second  >=40 third  Avg=(p1+p2+p3+p4)/3;  where p1,p2 and p3 >=40 |
|  | #include "iostream"  using namespace std;  main()  {  int p1,p2,p3,avg,p4;  cout<<"Enter Marks for P1 P2 P3 P4: ";  cin>>p1>>p2>>p3>>p4;  avg=(p1+p2+p3)/3;  if(p1>=40 && p2>=40 && p3>=40 && p4 >=40)  {  if(avg>=60)  cout<<"First\n";  else  if(avg>=50)  cout<<"Second\n";  else  if(avg>=40)  cout<<"Third\n";  }  else  cout<<"Failed\n";  } |