

Lab manual 5

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```
//#include <iostream>

//using namespace std;

//int main(){

    //task 1

    /*int x=1;

    do{

        cout <<"enter a number";

        cin>>x;}while (x>0);

    return 0;*/
```

```
    //task2

    /*#include<iostream>

    #include<cmath>

    using namespace std;

    int main()

    {
```

```
int n1,n2;

char ch, R;

do{

cout<<"Enter a number :";

    cin>>n1;
```

```

cout<<"Enter another number :";

cin>>n2;

cout<<"Enter a for Addition.";
cout<<"Enter s for Subtraction.";
cout<<"Enter m for Multiplition.";
cout<<"Enter d for Division.";
cout<<"Enter % for mod.";
cout<<"Enter p for power.";

cin>>ch;

switch(ch){

case 'a' : cout<<n1<<"+"<<n2<<"="<<n1+n2<<endl;

break;

case 's' : cout<<n1<<"-"<<n2<<"="<<n1-n2<<endl;

break;

case 'm' : cout<<n1<<"x"<<n2<<"="<<n1*n2<<endl;

break;

case 'd' : cout<<n1<<"/"<<n2<<"="<<n1/n2<<endl;

break;

        case '%' : cout<<n1<<"%"<<n2<<"="<<n1%n2<<endl;

        break;

        case 'p' : cout<<n1<<"^"<<n2<<"="<<pow(n1,n2)<<endl;

        break;

default : cout<<"Invalid Enrty."<<endl;

break;

}

cout<<"Press R to restart .";

cin>>R;

}while(R=='R');

return 0;}*/

```

```
//task3
//      int s , i=1;
//      while(i<=100){
//          if(i%2==0)  s=s+i;
//
//          i++;
//      }
//      cout<<"The sum of all even between 2 and 100 is : "<<s;
```

```
//      int s, x, p=2, i=1;
//      do{
//          s=s+i*i;
//          i++;
//      }while(i<=100);
//      cout<<"Sum of all numbers is : "<<s;
//
```

```
//task 4
```

```
//      int p, a=2, b=1;
//      while(b<=20){
//          p=pow(a,b);
//          b++;
//          cout<<p<<" ";
//      }
```

```
//      int a, b, s;
//      cout<<"Enter a number:";
//      cin>>a;
//      cout<<"Enter another number :";
//      cin>>b;
//      while(a<=b){
//          if(a%2==1)
//          s=s+a;
//          a++;
//      }
//      cout<<s;
//}
```