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**Lab#01**

**Github:**

**TASK 1**

#include<iostream>

using namespace std;

int main()

{

float lenght,width,height,area,volume;

cout<<"enter lenght";

cin>>lenght;

cout<<"enter width";

cin>>width;

cout<<"enter height";

cin>>height;

area=lenght\*width;

cout<<"area is :"<<area<<endl;

volume=height\*width\*lenght;

cout<<"volume is :"<<volume<<endl;

return 0;

}

**TASK 2**

#include<iostream>

#include<math.h>

using namespace std;

int main()

{

char choice;

float a,b;

cout<<"enter the operater: "<<endl;

cin>>choice;

cout<<"enter the value a:";

cin>>a;

cout<<"enter the value b:";

cin>>b;

switch(choice)

case'+':

{

cout<<a<<"+"<<b<<"="<<a+b<<endl;

break;

case'/':

cout<<a<<"/"<<b<<"="<<a/b<<endl;

break;

case'-':

cout<<a<<"-"<<b<<"="<<a-b<<endl;

break;

case'\*':

cout<<a<<"\*"<<b<<"="<<a\*b<<endl;

break;

}

}

**TASK 3**

#include<iostream>

using namespace std;

int main()

{

int no,ent,sum=0;

cout<<"how many number do you want to some:"<<endl;

cin>>no;

cout<<"Enter" <<no<< "number:"<<endl;

for(int i=1;i<=no;i++)

{

cin>>ent;

sum=sum+ent;

}

cout<<"sum is"<<sum;

}

**TASK 4**

#include<iostream>

using namespace std;

int main()

{

char ch[5];

for(int i=0;i<5;i++)

{

cout<<"Enter the character in uppercase:";

cin>>ch[i];

}

for(int i=0;i<5;i++)

{

ch[i]=ch[i]+32;

}

cout<<"Enter the character in lowercase:"<<ch;

return 0;

}

**TASK 5**

#include<iostream>

using namespace std;

int main()

{

int a,b,c,greatest;

cout<<"Enter 3 number to compare:"<<endl;

cin>>a;

cin>>b;

cin>>c;

greatest=a;

if(b>greatest)

greatest=b;

if(a>greatest)

greatest=a;

if(c>greatest)

greatest=c;

cout<<"greatest is:"<<greatest<<endl;

}

**TASK 6**

#include<iostream>

using namespace std;

int main()

{

for(int i=1;i<=5;i++)

{

for(int j=1;j<=i;j++)

{

cout<<j;

}

cout<<endl;

}

}