

LAB (5)

Workshop (1)**Exercise 1:**

Using c++ language ,write a program to enter the salary of an employee from the user then test if the salary<7000 increase it 1000 then print new salary, else decrease it by 2000 then print new salary..

```
#include<iostream.h>

void main()

{

int a;

cout<<"please enter the salary";

cin>>a;

if(a<7000)

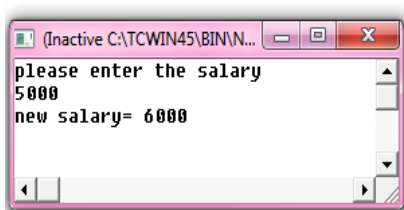
a=a+1000;

else

a=a-2000;

cout<<"new salary= "<<a;

}
```

Output screen:

Exercise 2:

Write a program for calculator using switch statement.

-The user will enter two numbers and he will choose

one of 4 operations: A for add - S for subtraction - M for

multiplication - D for division ,Then display the result.

```
#include<iostream.h>
```

```
void main()
```

```
{
```

```
float a,b,c;
```

```
char x;
```

```
cout<<"please enter two numbers\n";
```

```
cin>>a>>b;
```

```
cout<<"\nplease enter a for sum , s for sub, m for mul, d for div\n";
```

```
cin>>x;
```

```
switch (x) {
```

```
case 'a': c=a+b; break;
```

```
case 's': c=a-b; break;
```

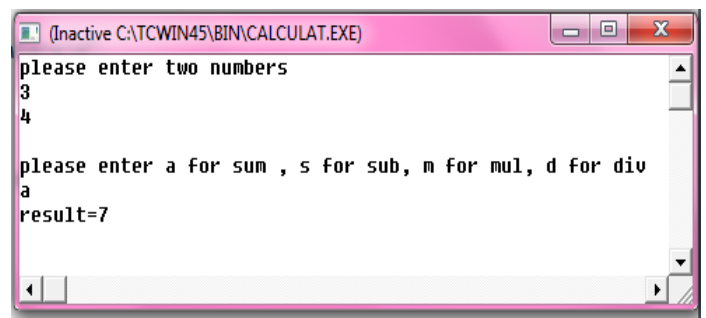
```
case 'm': c=a*b; break;
```

```
case 'd': c=a/b; break;
```

```
}
```

```
cout<<"result="<<c
```

```
}
```

Output screen:


```
(Inactive C:\TCWIN45\BIN\CALCULAT.EXE)
please enter two numbers
3
4
please enter a for sum , s for sub, m for mul, d for div
a
result=7
```