

Medi-Caps University



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COMPUTER PROGRAMMING

Programming Assignment

Submitted To
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- Program for addition subtraction multiplication division using switch case

I. Input of program

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
int main()
```

```
{
```

```
    char operator;
```

```
    float num1,num2;
```

```
    printf("Enter two  
numbers as  
operands\n");
```

```
    scanf("%f%f", &num1, &num2);
```

```
    printf("Enter an arithmetic operator(+-*\/)\n");
```

```
    scanf("%c%c",&operator);
```

```
    switch(operator)
```

```
{
```

```
    case '+':
```

```
#include<stdio.h>
#include<conio.h>
int main()
{
    char operator;
    float num1,num2;

    printf("Enter two numbers as operands\n");
    scanf("%f%f", &num1, &num2);
    printf("Enter an arithmetic operator(+-*\/)\n");
    scanf("%c%c",&operator);

    switch(operator)
    {
        case '+':
            printf("%.2f + %.2f = %.2f",num1, num2, num1+num2);
            break;

        case '-':
            printf("%.2f - %.2f = %.2f",num1, num2, num1-num2);
            break;
        case '*':
            printf("%.2f * %.2f = %.2f",num1, num2, num1*num2);
            break;
        case '/':
            printf("%.2f / %.2f = %.2f",num1, num2, num1/num2);
            break;
        default:
            printf("ERROR: Unsupported Operation");
    }
    return 0;
}
```

```
printf("%.2f + %.2f = %.2f",num1, num2, num1+num2);
```

```
break;
```

```
case '-':
```

```
    printf("%.2f - %.2f = %.2f",num1, num2, num1-num2);
```

```
    break;
```

```
case '*':
```

```
    printf("%.2f * %.2f = %.2f",num1, num2, num1*num2);
```

```
    break;
```

```
case '/':
```

```
    printf("%.2f / %.2f = %.2f",num1, num2, num1/num2);
```

```
    break;
```

```
default:
```

```
    printf("ERROR: Unsupported Operation");
```

```
}
```

```
return 0;
```

```
}
```

II. Output of Program

```
Enter two numbers as operands
94
68
Enter an arithmetic operator(+-*/)
*
94.00 * 68.00 = 6392.00

...Program finished with exit code 0
Press ENTER to exit console.
```