

# Type casting and Conversions Assignment

1. Refer the code snippet below perform the operations marked in TBD section, display the results using appropriate format specifier, display results.

```
#include <stdbool.h>

int main()
{
    int i = 123;
    short s = 98;
    bool b = true;
    char c = 'Y';
    float d = 235.789;
    //TBD - perform operations below and display result using
    appropriate format specifier

    b+c
    s * i
    c * d
    c = c+b
    d = d+c

    b = -d

    return 0;
}
```

user60@trainux01: ~/Batch17OCT2024\_175/Assignments/Day06/Type\_casting\_and\_Conversions\_Assignment

```
1 #include <stdio.h>
2 #include <stdbool.h>
3
4 int main() {
5     int i = 123;
6     short s = 98;
7     bool b = true;
8     char c = 'Y';
9     float d = 235.789;
10
11     printf("s * i: %d\n", s * i);
12
13     printf("c * d: %.2f\n", c * d);
14
15     printf("c = c + b: %d\n", c + b);
16
17     printf("d = d + c: %.3f\n", d + c);
18
19     printf("b = -d: %d\n", b = -d);
20
21     return 0;
22 }
23
```

```
user72@trainux01:~$ vi prog.c
user72@trainux01:~$ gcc prog.c
user72@trainux01:~$ ./a.out
s * i: 12054
c * d: 20985.22
c = c + b: 90
d = d + c: 324.789
b = -d: 1
```