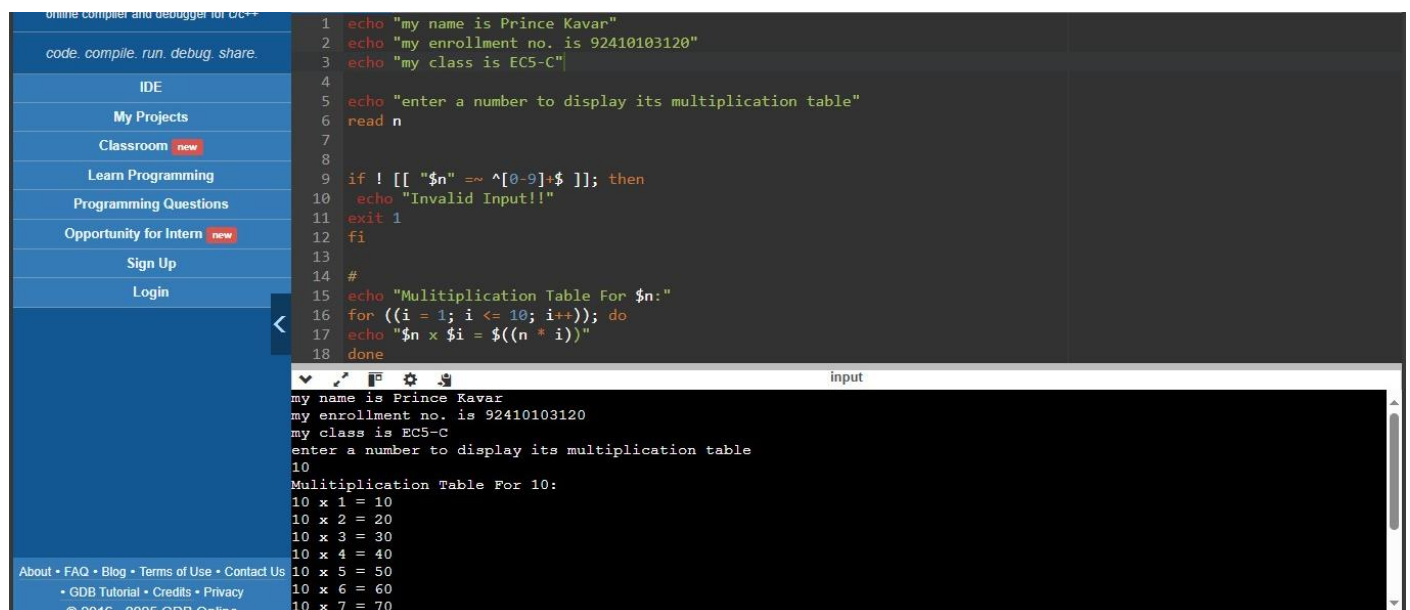


**Practical 3 : Write a shell script to display multiplication table of given number.**

```
echo "My name is Prince Kavar"
echo "My enrollment number is 92410103120"
echo "My class is EC5-C"
echo "Enter a number to display its multiplication table"
read n
if ! [[ "$n" =~ ^[0-9]+$ ]]; then
    echo "Invalid input!!"
    exit 1
fi
echo "Multiplication table for $n:"
for ((i = 1; i <= 10; i++)); do
    echo "$n x $i = $((n * i))"
done
```

**output :**

```
My name is Prince Kavar
My enrollment number is 92410103120
My class is EC5-C
Enter a number to display its multiplication table
10
Multiplication table for 5:
10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
```



The screenshot shows an online compiler interface. On the left is a sidebar with navigation links: IDE, My Projects, Classroom, Learn Programming, Programming Questions, Opportunity for Intern, Sign Up, and Login. The main area displays a shell script with line numbers 1 through 18. The script prompts for a number and prints a multiplication table. The output window at the bottom shows the execution results, including the user's name, enrollment number, class, and the multiplication table for the input number 10.

```
1 echo "my name is Prince Kavar"
2 echo "my enrollment no. is 92410103120"
3 echo "my class is EC5-C"
4
5 echo "enter a number to display its multiplication table"
6 read n
7
8
9 if ! [[ "$n" =~ ^[0-9]+$ ]]; then
10     echo "Invalid Input!!"
11     exit 1
12 fi
13
14 #
15 echo "Multitiplication Table For $n:"
16 for ((i = 1; i <= 10; i++)); do
17     echo "$n x $i = $((n * i))"
18 done
```

input

```
my name is Prince Kavar
my enrollment no. is 92410103120
my class is EC5-C
enter a number to display its multiplication table
10
Multitiplication Table For 10:
10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
```

**Figure 3.1 : program to print table of given number**