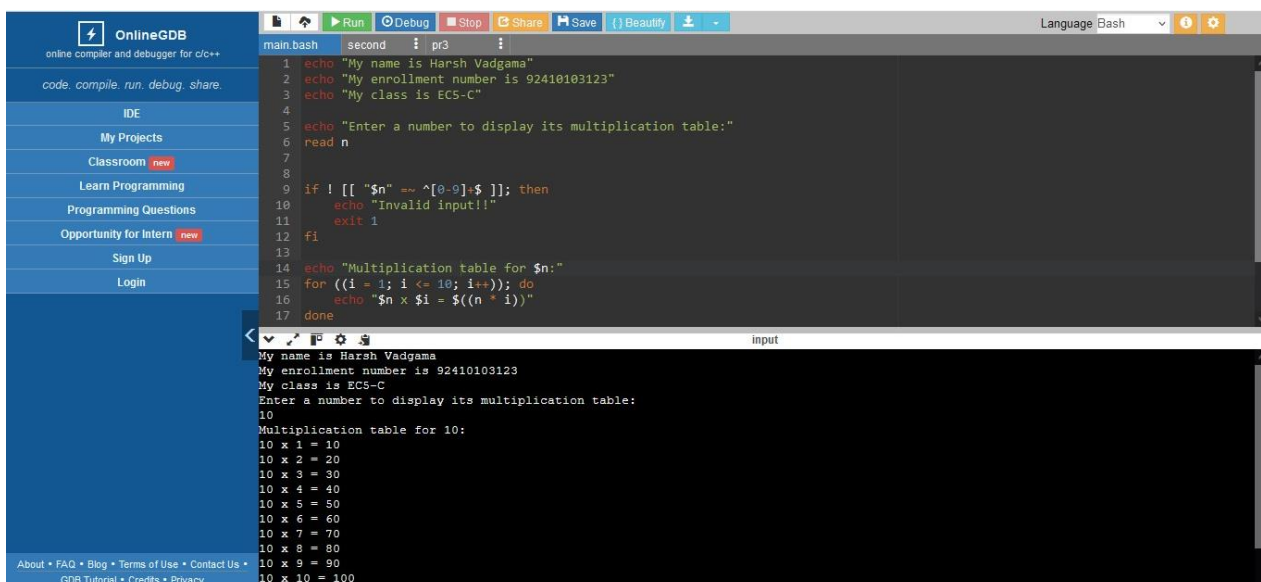


### Practical 3 : Write a shell script to display multiplication table of given number.

```
echo "My name is Harsh Vadgama"
echo "My enrollment number is 92410103123"
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 Harsh Vadgama
My enrollment number is 92410103123
My class is EC5-C
Enter a number to display its multiplication table:
5
Multiplication table for 5:
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
```



The screenshot shows the OnlineGDB IDE interface. The left sidebar contains navigation links like 'My Projects', 'Classroom', 'Learn Programming', etc. The main editor displays the shell script code. 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.

Figure 3.1 : program to print table of given number