#factorial of a no

echo "Enter a number"

read num

fact=1

while [$num -gt 1]
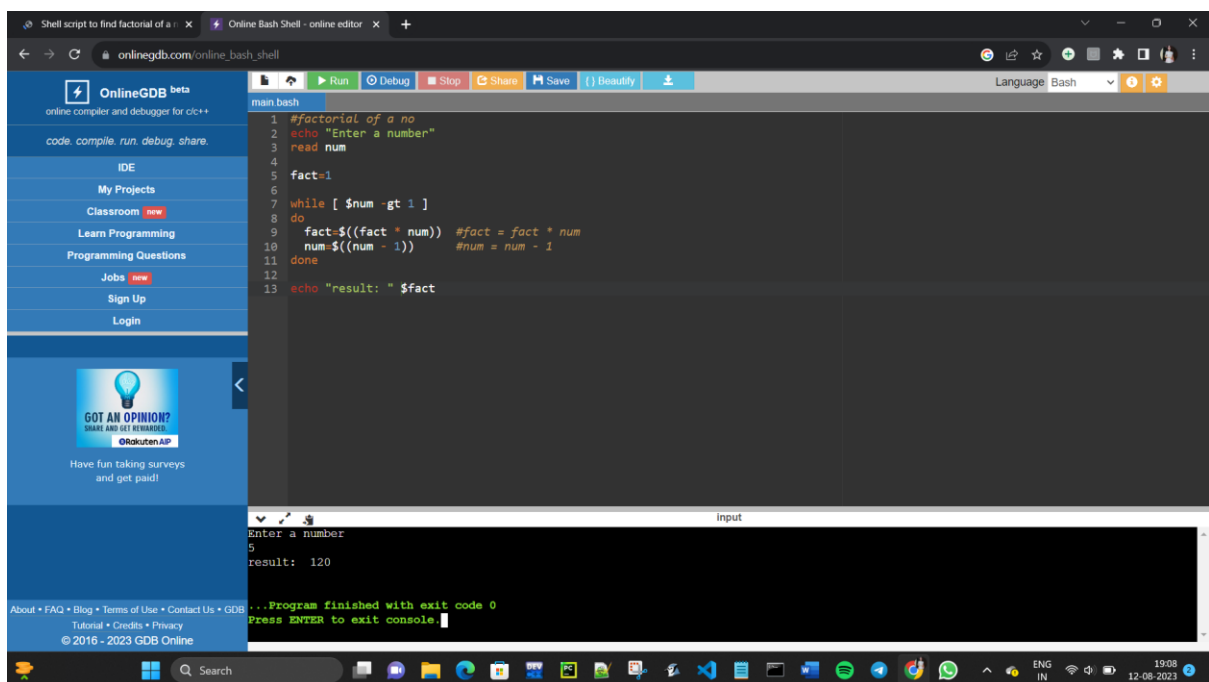
do

  fact=$((fact * num)) #fact = fact * num

  num=$((num - 1))   #num = num - 1

done

echo "result: " $fact