Department of Humanities and Applied Science

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Class / Branch: F.E ALL   Date of Performance: 07/02/2024

Subject: C Programming   Date of Submission: 07/02/2024

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Experiment No.9

Aim: Write a program to reverse the digits of a user entered number.

Problem statement: Write a program to calculate the product of first n natural number using for loop.

PROGRAM:-

```c
#include<stdio.h>
int main ()
{
int n, rem, rev=0,temp;
printf("Enter a number:-");
scanf("%d",&n);
do
{
   rem=n%10;
   rev=rev*10+rem;
   n=n/10;

} while (n>0);
printf("Reverse of number is %d\n",rev);


return 0;
}
```

OUTPUT:-

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~/Desktop/G475/EXp9$ gcc EXp9.c
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~/Desktop/G475/EXp9$ ./a.out
Enter a number:-15
Reverse of number is 51
```