

IP practicals

Q. Write a C program to factorial of number entered by user.

CODE:

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int A031_f=1,A031_i,A031_num;
```

```
    printf("Enter the number you want factorial of:");
```

```
    scanf("%d",&A031_num);
```

```
    for(A031_i=1;A031_i<=A031_num;A031_i++)
```

```
    {
```

```
        A031_f=A031_f*A031_i;
```

```
    }
```

```
    printf("The factorial of the entered number is:%d",A031_f);
```

```
    return 0;
```

```
}
```

OUTPUT:

Enter the number you want factorial of:5

The factorial of the entered number is:120