

Q.15) Write a python program to compute nCr using a factorial function.

```
import math
```

```
def fact(n, r):
```

```
    return math.factorial(n) // (math.factorial(r) * math.factorial(n - r))
```

```
n = int(input("Enter the value of n: "))
```

```
r = int(input("Enter the value of r: "))
```

```
RESULT = fact(n, r)
```

```
print(f"The value of {n}C{r} is: {RESULT}")
```