**1)write function that returns no of ways to award 1st, 2nd and 3rd cup among given input 'n' participants**

**note :**

**-> get the input 'n' from user**

**-> restrict the participants 'n' to 250**

**example : assume if no of participates 'n' given are 9**

**no of ways to award 1st, 2nd and 3rd cup are 504**

**(Hint : use mathematics permutation )**

**if example n = 8**

**then possible ways : 8! \* 7! \* 6\* =336 orelse use perumutation formula**

**Ans**

def pp():

n = int(input("Enter no of participants : "))

if n > 250:

print("Error can participate in event")

else:

temp=n

for i in range(1,3):

temp = (n-i)\*temp

return "No of ways to awards cup are {}".format(temp)