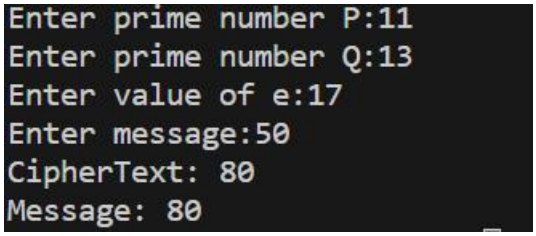
Code :

```
import math


def isprime(num):
   if num > 1:
      for i in range(2, int(num/2)+1):
         if (num % i) == 0:
            return False
            break
      else:
         return True
   else:
      return False


while 1:
   p = int(input("Enter prime number P:"))
   q = int(input("Enter prime number Q:"))
   if isprime(p) is True and isprime(q) is True:
      break
   else:
      print("One of them is not prime number please enter again:")

n = p*q
phin = (p-1)*(q-1)

while 1:
   e = int(input("Enter value of e:"))
   if e > 1 and e < phin and math.gcd(e, phin) == 1:
      break
   else:
      print("GCD not 1 please try again:")

k = 0
d = (1+(k*phin))/e
while not (d).is_integer() is True:
   k = k+1
   d = (1+(k*phin))/e

p = int(input("Enter message:"))

c = pow(p, e, phin)
print("CipherText:", c)

p = pow(c, int(d), phin)
print("Message:", p)
```

Output :


Enter prime number P:11
Enter prime number Q:13
Enter value of e:17
Enter message:50
CipherText: 80
Message: 80