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| Q-1 | Python program to print Highest Common Factor (HCF) of two numbers  Example : Take values according to you |
| Ans | def hcf(x, y):  if x > y:  smaller = y  else:  smaller = x  for i in range(1,smaller + 1):  if((x % i == 0) and (y % i == 0)):  hcf = i  return hcf    num1 = int(input("Enter first number: "))  num2 = int(input("Enter second number: "))  print("The H.C.F. of", num1,"and", num2,"is", hcf(num1, num2)) |
| Q-2 | What will be the output of the following Python code?  i=0  def change(i):  i=i+1  return i  change(1)  print(i)  a) 1  b) Nothing is displayed  c) 0  d) An exception is thrown |
| Ans | C |
| Q-3 | What will be the output of the following Python code?  def a(b):  b = b + [5]    c = [1, 2, 3, 4]  a(c)  print(len(c)) |
| Ans | 4 |
| Q-4 | What will be the output of the following Python code?  a=10  b=20  def change():  global b  a=45  b=56  change()  print(a)  print(b)  a)  10  56  b)  45  56  c)  10  20  d) Syntax Error |
| Ans | a |
| Q-5 | What will be the output of the following Python code?  def change(i = 1, j = 2):  i = i + j  j = j + 1  print(i, j)  change(j = 1, i = 2)  a) An exception is thrown because of conflicting values  b) 1 2  c) 3 3  d) 3 2 |
| Ans | d |