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| q. 5th  start=int(input("Enter first number"))  end=int(input("Enter last number"))  if(start>end or start<1 or end<1):  print("invalid entry")  else:  y=1  if(start==1):  start+=1  for i in range(start,end+1):  for x in range(2,i//2):  if(i%x==0):  break  else:  y=0  print(i)  if y:  print("no prime numbers between given range")  q.check if prime  x=int(input("Enter a number"))  if(x<1):  print("invalid input")  elif(x==1):  print("{0} is not prime".format(x))  else:  for i in range(2,n//2+1):  if(x%i==0):  print("{0} is not prime".format(x))  break  else:  print("{0} is prime".format(x)) | q. triangle  x,y,z=input("enter 3 sides of a triangle").split()  triangle="scalene"  if(x==y or y==z or x==z):  if(x==y==z):  triangle="equilateral"  else:  triangle="isoceles"  print(triangle)  q. Simple Interest  p=float(input("enter princiapal amount"))  r=float(input("enter rate of intrest"))  t=float(input("enter time period"))  si=(p\*r\*t)/100  print("The interest received is :{0}".format(si))  q. leap year  x=int(input("enter a year"))  if(x<=0):  print("invalid entry")  else:  if(x%400==0):  print("leap")  elif(x%100==0):  print("not a leap year")  elif(x%4==0):  print("leap")  else:  print("not a leap year")  q. 23  choice=int(input("choose 1 for F to C\n 2 for C to F"))  if (choice==1):  f=float(input("enter temperature in F"))  c=(f-32)\*5/9  print("Celcius temp is {0}".format(c))  elif(choice==2):  c=float(input("enter temperature in C"))  f=(9\*c)/5+32  print("Farenheit temp is {0}".format(f))  else:  print("invalid choice") |