

```

#question1
#area of rectangle
l=int(input("Enter the length of the rectange: "))
b=int(input("Enter the breadth of the rectangle: "))
formula=l*b
print(f"The area of rectangle is {formula}.")

#area of square
a=int(input("Enter the side of square: "))
area=a*a
print(f"The area of square is {area}.")

#area of triangle
height=int(input("Enter the height of the triangle: "))
base=int(input("Enter the base of the traingle: "))
area=1/2*(base*height)
print(f"The area of triangle is {area}.")

#area of circle
radius=int(input("Enter the radius of the circle : "))
area=3.14*radius**2
print(f"The area of circle is {area}.")

#question 2 fibonacci sequence

num = int(input("Enter the number of terms: "))
a, b = 0, 1
print("Fibonacci sequence:")
for _ in range(num):
    print(a, end=" ")
    a, b = b, a + b # Update terms

```