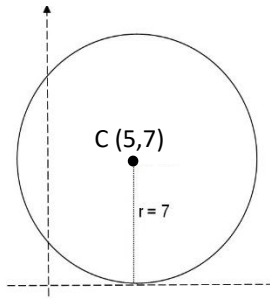


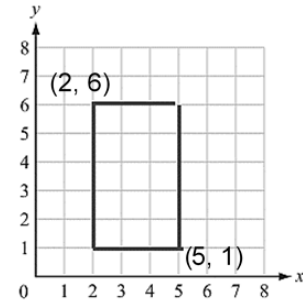
SET A

Write a Java program to check whether a given point (X, Y) is placed inside or outside of the below rectangle.



SET B

Write a Java program to check whether a given point (X, Y) is placed inside or outside of the below rectangle.



Write a Java program that reads input from the user.

- If the number is divisible by both three and five, then print "FizzBuzz" instead of the number.
- If the number is divisible by three, then print "Fizz" instead of the number.
- If the number is divisible by five, then print "Buzz" instead of the number.
- Otherwise the program prints the number given by the user.

Write a Java program to input basic salary of an employee and calculate its Gross salary according to following:

Basic Salary \leq 10000 : HRA = 20%, DA = 80%

Basic Salary \leq 20000 : HRA = 25%, DA = 90%

Basic Salary $>$ 20000 : HRA = 30%, DA = 95%

Write a program in Java to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as follow :

Unit	Charge/unit
upto 199	@1.20
200 and above but less than 400	@1.50
400 and above but less than 600	@1.80
600 and above	@2.00

If bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Test Data:

1001
James
800

Expected Output:

Customer IDNO :1001
Customer Name: James
unit Consumed :800
Amount Charges @Rs. 2.00 per unit: 1600.00
Surcharge Amount: 240.00
Net Amount Paid By the Customer : 1840.00