

# Fundamentals of Statistics

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## Case Study

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1. Write a program to find out the ranks of the students like, first, second and third if the percentage list of all students is given.

Percentage of all students= [87, 76, 88, 95, 94]

Hint: Use for loop with if-else statements

2. Given is the Confusion Matrix. It represents the cancer detection report. Here, 0 means “No” and 1 means “Yes”. Find out the Sensitivity and Specificity of the given matrix.

n=192	Predicted: 0	Predicted: 1
Actual: 0	118	12
Actual: 1	47	15