

## Lab- 4

1. Write a Program to determine eligibility of an applicant for armed force training using the criteria shown in table below. The program should ask the name and gender of the applicant and display the results as “Congratulation Mr. or Ms. XXX, you are eligible to apply” or “Sorry Mr. or Ms. XXX, you can try next time”. Mr. or Ms. is displayed according to the gender provided by the user and XXX is the name entered from user keyboard.

Criteria	Value
height	More than 1.5m
Age	Between 18 and 27
Body figure (normal, thin & fat)	normal

2. Write a program to get scores of five subject of a student and grade the performance using *switch* statement.

Average	Grade
80-100	A
70-80	B
60-70	C
50-60	D
00-50	E

3. Write a java program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies
4. Write a java program to check whether a triangle can be formed by the given value for the angles.