

## Question 1

Write a simple java Swing/AWT based application for generating the grade of a student. The UI contains some labels like student's id, attendance mark, Ct marks (best 3 will be counted out of 4), assignment mark (best 1 will be counted out of 2), mid and final mark. There should be text fields for each of the levels. There will be a button named 'Calculate Result' that will show the total mark and grade of a student. The assessment method and grading policy should be followed as below:

Assessment Method	(%)
Attendance	5
Assignments	10
Class Tests	20
Midterm exam	25
Final exam	40

## Grading Policy

Letter Grade	Marks %	Grade Point	Letter Grade	Marks%	Grade Point
A (Plain)	90-100	4.00	C+ (Plus)	70-73	2.33
A- (Minus)	86-89	3.67	C (Plain)	66-69	2.00
B+ (Plus)	82-85	3.33	C- (Minus)	62-65	1.67
B (Plain)	78-81	3.00	D+ (Plus)	58-61	1.33
B- (Minus)	74-77	2.67	D (Plain)	55-57	1.00
			F (Fail)	<55	0.00

## Question 2.

Write a simple java Swing/AWT based application for ordering pizza from a restaurant. The UI contains some levels like Choose your pizza (Meaty Onion, Cheese Fountain, Tender Beef), Choose the size (small, medium, large). For these two levels you can use Combo Box. There should be

another level named Promo and a text field for this level. If the total amount is less than 300, “newyear50” promo code will be reduced 50tk from the total amount. And if the total amount is more than 450, “newyear90” promo code will be applicable and reduce 90tk from the total amount. And there will be a button “Order Now” that will bring into a new frame which shows the order details.