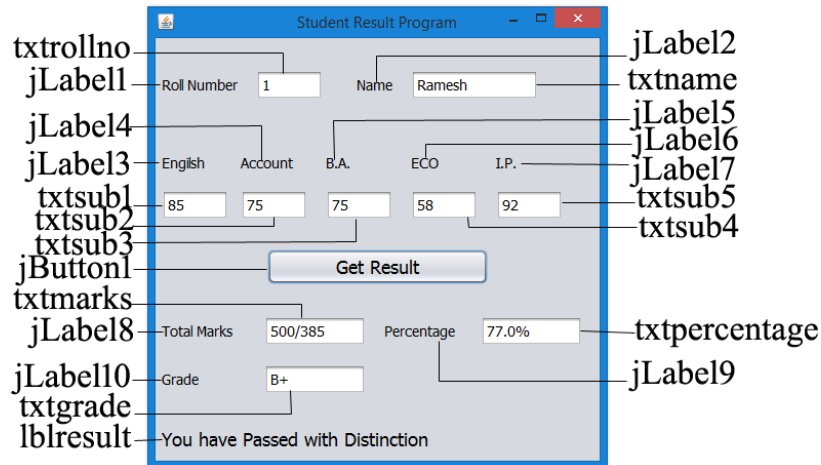## 4.5 Student Result

➢ Develop an application to prepare student result on the basis of marks entered. A sample screenshot is being show below:

➢ Now double click on boundary the push **jButton1** (Get Result Text Button). The code editor window will get opened. In it, simply type of following code.

```
1.      int sub1 = Integer.parseInt(txtsub1.getText());

2.      int sub2 = Integer.parseInt(txtsub2.getText());

3.      int sub3 = Integer.parseInt(txtsub3.getText());

4.      int sub4 = Integer.parseInt(txtsub4.getText());

5.      int sub5 = Integer.parseInt(txtsub5.getText());

6.      int total = sub1 + sub2 + sub3 + sub4+ sub5;

7.      txtmarks.setText("500/"+total);
```

```java
8.          double pre = total / 5;

9.           txtpercantage.setText(""+pre+"%");

10.          //Calculate grade

11.      if(pre >= 90)

12.      {

13.         txtgrade.setText("A+");

14.      }

15.      else if(pre >= 80)

16.      {

17.         txtgrade.setText("A");

18.      }

19.      else if(pre >= 70)

20.      {

21.        txtgrade.setText("B+");

22.      }

23.      else

24.      if(pre >= 60)

25.      {

26.         txtgrade.setText("B");

27.      }

28.      else if(pre >= 50)

29.      {

30.          txtgrade.setText("C+");

31.      }
```

```
32.        else if(pre >= 40)

33.        {

34.            txtgrade.setText("C");

35.        }

36.        else

37.        {

38.            txtgrade.setText("Fail.!");

40         }

41.        //result

42.        if(pre >= 70)

43.        {

44.            lblresult.setText("You have Passed with Distinction");

45.        }

46.        else  if(pre >= 60)

47.        {

48.            lblresult.setText("You Have Passed With Secong Class");

49.        }

50.        else

51.        {

52.            lblresult.setText("You Are Fail..!");

53.        }

54.        //right result

55.        if(sub1 <= 35)

56.        {
```

```
57.        txtpercantage.setText("-");
58.        txtgrade.setText("Fail");
59.        lblresult.setText("You Are Fail.!");
60.    }
61.    else
62.    {}
63.    if(sub2 <= 35)
64.    {
65.        txtpercantage.setText("-");
66.        txtgrade.setText("Fail");
67.        lblresult.setText("You Are Fail.!");
68.    }
69.    else
70.    {}
71.    if(sub3 <= 35)
72.    {
73.        txtpercantage.setText("-");
74.        txtgrade.setText("Fail");
75.        lblresult.setText("You Are Fail.!");
76.    }
75.    else
80.    {}
81.    if(sub4 <= 35)
82.    {
```

```
83.        txtpercantage.setText("-");

84.        txtgrade.setText("Fail");

85.        lblresult.setText("You Are Fail.!");

86.     }

87.     else

88.     {}

89.     if(sub5 <= 35)

90.     {

91.        txtpercantage.setText("-");

92.        txtgrade.setText("Fail");

93.        lblresult.setText("You Are Fail.!");

94.     }

95.     else

96.     {}
```