Answer to the question no 1

E.D.
$$(x,1) = \sqrt{(164 - 158)^2 + (68 - 58)^2} = 11.66$$

E.D.
$$(x,2) = \sqrt{(164 - 158)^2 + (68 - 59)^2} = 10.82$$

E.D.
$$(x,3) = \sqrt{(164 - 158)2 + (68 - 63)2} = 7.81$$

E.D.
$$(x,4) = \sqrt{(164 - 160)2 + (68 - 59)2} = 9.85$$

E.D.
$$(x,5) = \sqrt{(164 - 160)^2 + (68 - 60)^2} = 8.94$$

E.D.
$$(x,6) = \sqrt{(164 - 163)^2 + (68 - 60)^2} = 8.06$$

E.D.
$$(x,7) = \sqrt{(164 - 163)^2 + (68 - 61)^2} = 7.07$$

E.D.
$$(x,8) = \sqrt{(164 - 160)2 + (68 - 64)2} = 5.66$$

E.D.
$$(x,9) = \sqrt{(164 - 163)^2 + (68 - 64)^2} = 4.12$$

E.D.
$$(x,10) = \sqrt{(164-165)^2 + (68-61)^2} = 7.07$$

E.D.
$$(x,12) = \sqrt{(164 - 165)^2 + (68 - 65)^2} = 3.16$$

E.D.
$$(x,13) = \sqrt{(164 - 168)^2 + (68 - 62)^2} = 7.21$$

E.D.
$$(x,14) = \sqrt{(164 - 168)^2 + (68 - 63)^2} = 6.40$$

E.D.
$$(x,15) = \sqrt{(164-168)^2 + (68-66)^2} = 4.47$$

E.D.
$$(x,16) = \sqrt{(164 - 170)^2 + (68 - 63)^2} = 7.81$$

E.D.
$$(x,17) = \sqrt{(164-170)^2 + (68-64)^2} = 7.21$$

E.D.
$$(x,18) = \sqrt{(164 - 170)^2 + (68 - 68)^2} = 6$$

Order:

Row	Euclidian Distance	Class
12	3.16	L
9	4.12	L
15	4.47	L
8	5.66	L
18	6	L
14	6.40	L

Answer to the question no 2

ID: 18-38027-2

So age=38 and loan = 88027

E.D.
$$(x,1) = \sqrt{(38-25)2 + (88027-40000)2} = 48027$$

E.D. $(x,2) = \sqrt{(38-35)2 + (88027-60000)2} = 28027$
E.D. $(x,3) = \sqrt{(38-45)2 + (88027-80000)2} = 8027$
E.D. $(x,4) = \sqrt{(38-20)2 + (88027-25000)2} = 63027$
E.D. $(x,5) = \sqrt{(38-35)2 + (88027-115000)2} = 26973$
E.D. $(x,6) = \sqrt{(38-52)2 + (88027-22000)2} = 66027$
E.D. $(x,7) = \sqrt{(38-23)2 + (88027-90000)2} = 1973.06$
E.D. $(x,8) = \sqrt{(38-37)2 + (88027-62000)2} = 26027$
E.D. $(x,9) = \sqrt{(38-58)2 + (88027-100000)2} = 11973.02$
E.D. $(x,10) = \sqrt{(38-46)2 + (88027-250000)2} = 161973$
E.D. $(x,11) = \sqrt{(38-31)2 + (88027-175000)2} = 86973$

Order:

Row	E. D	Class
7	1973.06	Υ
3	8027	N
9	11973.02	Υ
8	26027	Υ
5	26973	N
2	28027	N

Here , k = 5.

And Y > N. So, age 38 loan 88027 will be Y.