- 1. What is the significance of Font Metrics in AWT.
- The AWT includes the Font Metrics class, which encapsulates various information about a font like Height, Baseline. A seent Descent and Leading.
- Height: The top-to-bottom size of the tallest character in font.
- Baseline: The Line that the bottom of characters are a ligned to.
- Ascent: The distance from the baseline to top of a chananacter.
- of character.
- y <u>Leading</u>: The distance between bottom of oncline of text and the top of the next.
- 2. Discuss AWT Font Metrics with Methods.
- Font Metrics are the measurements of characters in a particular font, which allow to everly space and uniformly align lines of text.
- 1) int charwith (chanc): Returns width of c.
- 2) int channith (intc): Returns width of c.
 3) int getAscent(): Returns the Ascent of the font.
- a) int get Desent (): Returns the Desent of the font
- 5) Fort get Fort (): Returns the fort.

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& int getLeading (): Returns space between lines of
7 int getMax Asecut (): Returns maximum ascent.
8 int get Max Desent (): Returns maximum desent.
? String to string (): Return string equivalent of
                      invoking object.
19 int get Max Advance (): Return width of the widest
                         chanacter-1 is neturned if
                          this value is not available.
3 Write a program to display name in one line, your noll
number and stream in same line and address in next line
 using fontmetrics.
    import java applet .*;
    import Java. aut. *;
    public class NameRollAddness extends Applet
    int cunx = 0, cunY = 0;
     public void init ()
       Font f= new Font ("Arrial", Font. PLAIN, 12); setFont (f);
     public void paint (Graphics 9)
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Font Metric fm = g. get Font Metrics ();

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nextline ("Name: Namendra Nath Panda.", 9);
 nextline ("Roll-No: 10014033,", g);
 Same Line ("Stream: Computer Science & Technology.", 9);
 next Line ("Address: Taki, West Bengal, INDIA."9);
2 Cunx = cuny = 0;
void nextline (string s, Graphics g)
   Font Metnics fm = g. get Font Metnics ();
   cury + = fm. get Height ();
    cunx = 0;
    9. dnawString (s, curx, cury);
  cunx = fm. stringwidth (s);
  You'd sameline (string s, Grouphics 9)
    Font Metnics fm = g.get Font Metnics ();
     g. drawstning (s, curx, cury);
    cunx + = fm, stringwidth (s);
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