

3. Write a program to display all available font family names.

```

→ import java.applet.Applet;
import java.awt.Graphics;
import java.awt.GraphicsEnvironment;
public class GetAvailableFonts extends Applet
{
    public void paint (Graphics g)
    {
        GraphicsEnvironment graphicsEnvironment =
        GraphicsEnvironment.getLocalGraphicsEnvironment();
        String fontName[] = graphicsEnvironment.getAvailableFont
        FamilyNames();
        int y = 20;
        for (int i = 0; i < fontNames.length; i++)
        {
            g.drawString (fontName[i], 10, y);
            y += 20;
        }
    }
}

```

save: GetAvailableFonts.java

compile: javac GetAvailableFonts.java.

```

<html>
  <body>
    <applet code="GetAvailableFont s.class" width="300" height=
    "300"></applet>
  </body>

```

```

</html>

```

save: GetAvailable Fonts.html

Run: appletviewer GetAvailable Fonts.html

GetAvailableFonts.java - Visual Studio Code

GetAvailableFonts.java X GetAvailableFonts.html 4

E: > ALL _ ASSIMENT -KPC > 6_TH SEMESTER > Advance JAVA_MKG > program > 1_1 > GetAvailableFonts.java

```
1
2
3 import java.applet.Applet;
4 import java.awt.Graphics;
5 import java.awt.GraphicsEnvironment;
6 public class GetAvailableFonts extends Applet
7 {
8     public void paint(Graphics g)
9     {
10         GraphicsEnvironment graphicsEnvironment =
11             GraphicsEnvironment.getLocalGraphicsEnvironment();
12         String fontNames[] = graphicsEnvironment.getAvailableFontFamilyNames();
13         int y = 20;
14         for(int i=0; i < fontNames.length; i++)
15         {
16             g.drawString(fontNames[i], 10, y);
17             y += 20;
18         }
19     }
20 }
```

Applet Viewer: GetAvai...

Applet

28 Days Later
Agency FB
AgencyFB
Aileron
Aileron Black
Aileron Bold
Aileron Heavy
Aileron Light
Aileron SemiBold
Aileron Thin
Aileron UltraLight
Amar Bangla Normal
Aparajita
Arial
Arial Black
Applet started.

C:\Windows\System32\cmd.exe - appletviewer GetAvailableFonts.html

Microsoft Windows [Version 10.0.19042.964]
(c) Microsoft Corporation. All rights reserved.

E:\ALL _ ASSIMENT -KPC\6_TH SEMESTER\Advance JAVA_MKG\program\1_1>javac GetAvailableFonts.java
Note: GetAvailableFonts.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.

E:\ALL _ ASSIMENT -KPC\6_TH SEMESTER\Advance JAVA_MKG\program\1_1>appletviewer GetAvailableFonts.html
Warning: Applet API and AppletViewer are deprecated.

Ln 20, Col 2 Tab Size: 4 UTF-8 CRLF java

Search for anything

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4. Write a program to display font style and size.

```

→ import java.awt.*;
import java.applet.*;

public class Font_style_size extends Applet
{
    Font f1, f2, f3;
    public void init ()
    {
        f1 = new Font ("Arial", Font.PLAIN, 25);
        f2 = new Font ("Arial", Font.ITALIC, 30);
        f3 = new Font ("Arial", Font.BOLD, 35);
    }
    public void paint (Graphics g)
    {
        g.drawString ("Namendra Nath Panda", 50, 50);
        g.setFont (f1);
        g.drawString ("Namendra Nath Panda", 50, 80);

        g.setFont (f2);
        g.drawString ("Namendra Nath Panda", 50, 110);

        g.setFont (f3);
        g.drawString ("Namendra Nath Panda", 50, 140);
    }
}

```

Save: Font_style_size.java

compilation: javac Font_style_size.java

```

<html>
  <body>
    <applet code="Font_style_size.class" height="200"
              width="500"> </applet>
  </body>
</html>
save: Font_style_size.html Run: appletviewer Font_style_size.html

```

Font_Style_Size.java - Visual Studio Code

Font_Style_Size.java x Font_Style_Size.html 4

E: > ALL _ ASSIMENT -KPC > 6_TH SEMESTER > Advance JAVA_MKG > program > 2_2 > Font_Style_Size.java

```
1 import java.awt.*;
2 import java.applet.*;
3
4 public class Font_Style_Size extends Applet
5 {
6     Font f1,f2,f3;
7     public void init()
8     {
9         f1 = new Font("Arial",Font.PLAIN,25);
10        f2 = new Font("Arial",Font.ITALIC,30);
11        f3 = new Font("Arial",Font.BOLD,35);
12    }
13    public void paint(Graphics g)
14    {
15        g.drawString("Narendra Nath Panda",50,50);
16
17        g.setFont(f1);
18        g.drawString("Narendra Nath Panda",50,80);
19
20        g.setFont(f2);
21        g.drawString("Narendra Nath Panda",50,110);
22
23        g.setFont(f3);
24        g.drawString("Narendra Nath Panda",50,140);
25    }
26 }
27
```

C:\Windows\System32\cmd.exe - appletviewer Font_Style_Size.html

Microsoft Windows [Version 10.0.19042.964]
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E:\ALL _ ASSIMENT -KPC\6_TH SEMESTER\Advance JAVA_MKG\program\2_2>javac Font_Style_Size.java
Note: Font_Style_Size.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.

E:\ALL _ ASSIMENT -KPC\6_TH SEMESTER\Advance JAVA_MKG\program\2_2>appletviewer Font_Style_Size.html
Warning: Applet API and AppletViewer are deprecated.

Applet Viewer: Font_Style_Size.class

Applet

Narendra Nath Panda

Narendra Nath Panda
Narendra Nath Panda
Narendra Nath Panda

Applet started.

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF java

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