

# STRING STARIFIER

```
import java.util.*;
class Starifier
{
    public static void main(String[] args)
    {
        System.out.println("Enter any string of your choice...");
        Scanner sc = new Scanner(System.in);
        String name1= sc.nextLine();
        String name2= name1.toUpperCase();
        System.out.print("Here is the * pattern for string : " + name1);
        System.out.println();
        System.out.println();

        int i;
        int j;
        int k;

        for(i = 0; i<name2.length(); i++)
        {
            char c = name2.charAt(i);

            //A
            if(c== 'A')
            {
                for (j=1;j<=10 ;j++)
                {
                    for (k=1;k<=10 ;k++)
                    {
                        if (j==1 || j==6 || k==1 || k==10 )
                        {
                            System.out.print("*");
                        }
                        else
                        {
                            System.out.print(" ");
                        }
                    }
                }
                System.out.println();
            }

            System.out.println();
        }

        //B
        else if(c=='B')
        {
            for (j=1;j<=10 ;j++)
```

# STRING STARIFIER

```
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 && k<=9 || j==5 && k<=9 || j==10 && k<=9 || k==1 || k==10 &&
(j!=1 && j!=10 && i!=5))
        {
            System.out.print("*");
        }
        else
        {
            System.out.println(" ");
        }
    }
    System.out.println();

}

System.out.println();

}

//C
else if(c=='C')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 && k<=9 || j==10 && k<=9 || k==1 )
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
        System.out.println();
    }
}

//D
else if(c=='D')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
```

# STRING STARIFIER

```
        {
            if (j==1 && k<=9 || j==10 && k<=9 || k==1 || k==10 && (j!=1 &&
j!=10))
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
        System.out.println();
    }
    System.out.println();
}

//E
else if(c=='E')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 && k<=9|| j==10 && k<=9||j==5 && k<=9 || k==1 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
    System.out.println();
}
System.out.println();

}

//F
else if(c=='F')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
```

# STRING STARIFIER

```
        if (j==1 || j==5 || k==1 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();
}
System.out.println();

    }

    //G
    else if(c=='G')
    {

        for (j=1;j<=10 ;j++)
        {
            for (k=1;k<=10 ;k++)
            {
                if (j==1 || j==10 || k==1 || k==10 && j>=5|| j==5 && k>=5 )
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
        }
        System.out.println();
    }
    System.out.println();
}

    //H
    else if(c=='H')
    {

        for (j=1;j<=10 ;j++)
        {
            for (k=1;k<=10 ;k++)
```

# STRING STARIFIER

```
{
    if (k==1 || j==5 || k==10 )
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}

//I
else if(c=='I')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || k==5 || j==10 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
System.out.println();

}
System.out.println();

}

//J
else if(c=='J')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
```

# STRING STARIFIER

```
{
    if (j==1 || k==6 || j==10 && k<=6 )
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}

//K
else if(c=='K')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (k==1 || j==k && j>=5 || k==9-j && j<=6 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
System.out.println();

}
System.out.println();

}

//L
else if(c=='L')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
```

# STRING STARIFIER

```
{
    if (j==10 || k==1)
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}
//M
else if(c=='M')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (k==1 || k==10 || j==k-1 && j<=4 && k<=5 || k==10-j && j<=4 && k>=5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
System.out.println();

}
System.out.println();

}
//N
else if(c=='N')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (k==1 || k==10 || j==k)
        {
```

# STRING STARIFIER

```
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");

    }
}
System.out.println();

}
System.out.println();
}

//O
else if(c=='O')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 && k<=9 && k!=1 || j==10 && k<=9 && k!=1 || k==1 && (j!=1 && j!=10)
|| k==10 && (j!=1 && j!=10))
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");

        }
    }
    System.out.println();

}
System.out.println();

}

//P
else if(c=='P')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || k==1 || j==5 || k==10 && j<=5)
```



# STRING STARIFIER

```
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//Q
else if(c=='Q')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 && k<=9 && k!=1 || j==10 && k<=9    || k==1 && (j!=1 && j!=10) ||
k==10 && j!=1 || j==k && j>=5 && k>=5 )

        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//R
else if(c=='R')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
```

# STRING STARIFIER

```
{
    if (k==1 || j==1 || j==5 || k==10 && j<=5 || j==k && j>=5)
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}

//S
else if(c=='S')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1||j==5 || k==1 && j<=5 || j==10 ||k==10 && j>=5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
System.out.println();

}
System.out.println();
}

//T
else if(c=='T')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
```

# STRING STARIFIER

```
        if (j==1 || k==5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();
}
System.out.println();
}

//U
else if(c=='U')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==10 || k==10 || k==1)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
    System.out.println();
}
System.out.println();
}

//V
else if(c=='V')
{
    for (j=0;j<=10 ;j++)
{
    for (k=0;k<=10 ;k++)
    {
        if (j==k && j<= 5 || k==10-j && j<=5)
```

# STRING STARIFIER

```
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//W
else if(c=='W')
{
    for (j=1;j<=10;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (k==1 || k==10 || j==k-1 && j>=5 && k>=5 || k==10-j && j>=4 && k<=5)
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
    }
    System.out.println();
}
System.out.println();
}

//X
else if(c=='X')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==k || k==11-j)
        {
```

# STRING STARIFIER

```
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}

//Y
else if(c=='Y')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==k && j<=5 || k==10-j && j<=5 || k==5 && j>=6)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
System.out.println();
}
}

//Z
else if(c=='Z')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 ||j==10 || k==11-j)
        {
            System.out.print("*");
        }
    }
}
```

# STRING STARIFIER

```
        else
        {
            System.out.print(" ");

        }
    }
    System.out.println();

}
System.out.println();
}

}
System.out.println("Thank You !..");
}
}
```

## FROM NOTEPAD

```
import java.util.*;

class Starifier
{
    public static void main(String[] args)
    {
        System.out.println("Enter any string of your choice...");
        Scanner sc = new Scanner(System.in);
        String name1= sc.nextLine();
        String name2= name1.toUpperCase();
        System.out.print("Here is the * pattern for string : " + name1);
        System.out.println();
    }
}
```

# STRING STARIFIER

```
System.out.println();

int i;

int j;

    int k;

for(i = 0; i<name2.length(); i++)
{
    char c = name2.charAt(i);

    //A
    if(c== 'A')
    {
        for (j=1;j<=10 ;j++)
        {
            for (k=1;k<=10 ;k++)
            {
                if (j==1 || j==6 || k==1 || k==10 )
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
        }
    }
}
```

## STRING STARIFIER

```
    }

    System.out.println();
}

System.out.println();

}

//B
else if(c=='B')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 && k<=9 || j==5 && k<=9 || j==10 &&
k<=9 || k==1 || k==10 && (j!=1 && j!=10 && i!=5))
            {
                System.out.print("*");
            }
            else
            {
                System.out.println(" ");
            }
        }
    }
    System.out.println();
}
```



## STRING STARIFIER

```
    }

    System.out.println();

}

//C
else if(c=='C')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 && k<=9 || j==10 && k<=9 || k==1 )
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
    }

    System.out.println();
}

}
```

## STRING STARIFIER

```
//D
else if(c=='D')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 && k<=9 || j==10 && k<=9 || k==1 ||
k==10 && (j!=1 && j!=10))
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
        System.out.println();
    }
    System.out.println();
}

//E
else if(c=='E')
{
```

# STRING STARIFIER

```
        for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 && k<=9 || j==10 && k<=9 || j==5 && k<=9 ||
k==1 )
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
        System.out.println();
    }

    System.out.println();

}

//F
else if(c=='F')
{
    for (j=1;j<=10 ;j++)
```

## STRING STARIFIER

```
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || j==5 || k==1 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}

System.out.println();

}

//G
else if(c=='G')
{
    for (j=1;j<=10 ;j++)
    {
```

## STRING STARIFIER

```
for (k=1;k<=10 ;k++)
{
    if (j==1 || j==10 || k==1 || k==10 && j>=5 || j==5 &&
k>=5 )
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}

//H
else if(c=='H')
{

for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
```

## STRING STARIFIER

```
{
    if (k==1 || j==5 || k==10 )
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}

//l
else if(c=='l')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
```

## STRING STARIFIER

```
        if (j==1 || k==5 || j==10 )
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//J
else if(c=='J')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || k==6 || j==10 && k<=6 )
        {
```

## STRING STARIFIER

```
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");

    }
}
System.out.println();

}
System.out.println();
}

//K
else if(c=='K')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (k==1 || j==k && j>=5 || k==9-j && j<=6 )
        {
            System.out.print("*");
        }
    }
}
```



## STRING STARIFIER

```
        else
        {
            System.out.print(" ");

        }
    }
    System.out.println();

}

System.out.println();

}

//L
else if(c=='L')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==10 || k==1)
        {
            System.out.print("*");
        }
        else
```

## STRING STARIFIER

```
{
    System.out.print(" ");

}

}
System.out.println();

}
System.out.println();
}
//M
else if(c=='M')
{
    for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (k==1 || k==10 || j==k-1 && j<=4 && k<=5 || k==10-
j && j<=4 && k>=5)
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
    }
}
```

## STRING STARIFIER

```
    }  
    System.out.println();  
  
}  
System.out.println();  
  
    }  
    //N  
    else if(c=='N')  
    {  
        for (j=1;j<=10 ;j++)  
{  
            for (k=1;k<=10 ;k++)  
            {  
                if (k==1 || k==10 || j==k)  
                {  
                    System.out.print("*");  
                }  
                else  
                {  
                    System.out.print(" ");  
                }  
            }  
        }  
        System.out.println();  
    }  
}
```

## STRING STARIFIER

```
}  
System.out.println();  
    }  
  
    //O  
    else if(c=='O')  
    {  
        for (j=1;j<=10 ;j++)  
    {  
        for (k=1;k<=10 ;k++)  
        {  
            if (j==1 && k<=9 && k!=1 | |j==10 && k<=9 && k!=1  
| | k==1 && (j!=1 && j!=10) | | k==10 && (j!=1 && j!=10))  
            {  
                System.out.print("*");  
            }  
            else  
            {  
                System.out.print(" ");  
            }  
        }  
    }  
    System.out.println();  
}  
System.out.println();
```

# STRING STARIFIER

```
    }

    //P
    else if(c=='P')
    {
        for (j=1;j<=10 ;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (j==1 || k==1 || j==5 || k==10 && j<=5)
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
    }
    System.out.println();

}

System.out.println();

}
```

# STRING STARIFIER

```
//Q
else if(c=='Q')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 && k<=9 && k!=1 || j==10 && k<=9  || k==1
&& (j!=1 && j!=10) || k==10 && j!=1 || j=k && j>=5 && k>=5 )

        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}
```

# STRING STARIFIER

```
//R
else if(c=='R')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (k==1 || j==1 || j==5 || k==10 && j<=5 || j==k &&
j>=5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();
}
System.out.println();
}
```

## STRING STARIFIER

```
//S
else if(c=='S')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || j==5 || k==1 && j<=5 || j==10 || k==10 &&
j>=5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//T
else if(c=='T')
```



## STRING STARIFIER

```
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || k==5)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//U
else if(c=='U')
{
    for (j=1;j<=10 ;j++)
```

## STRING STARIFIER

```
{
    for (k=1;k<=10 ;k++)
    {
        if (j==10 || k==10 || k==1)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//V
else if(c=='V')
{
    for (j=0;j<=10 ;j++)
    {
        for (k=0;k<=10 ;k++)
```

## STRING STARIFIER

```
{
    if (j==k && j<= 5 || k==10-j && j<=5)
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.println();

}
System.out.println();
}

//W
else if(c=='W')
{
    for (j=1;j<=10;j++)
    {
        for (k=1;k<=10 ;k++)
        {
            if (k==1 || k==10 || j==k-1 && j>=5 && k>=5 || k==10-
j && j>=4 && k<=5)
```

## STRING STARIFIER

```
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
    System.out.println();

}
System.out.println();
}

//X
else if(c=='X')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==k || k==11-j)
        {
            System.out.print("*");
```

## STRING STARIFIER

```
    }
    else
    {
        System.out.print(" ");

    }
}
System.out.println();

}
System.out.println();
}

//Y
else if(c=='Y')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==k && j<=5 || k==10-j && j<=5 || k==5 && j>=6)
        {
            System.out.print("*");
        }
    }
    else
```

## STRING STARIFIER

```
{
    System.out.print(" ");

}

}
System.out.println();

}

}

//Z
else if(c=='Z')
{
    for (j=1;j<=10 ;j++)
{
    for (k=1;k<=10 ;k++)
    {
        if (j==1 || j==10 || k==11-j)
        {
            System.out.print("*");
        }
        else
        {
            System.out.print(" ");
        }
    }
}
```

## STRING STARIFIER

```
        }  
    }  
    System.out.println();  
  
    }  
    System.out.println();  
}  
  
}  
System.out.println("Thank You !..");  
  
}  
}
```

# STRING STARIFIER

## OUTPUT

The image displays two overlapping screenshots of a Windows 10 desktop environment, both featuring the Visual Studio Code (VS Code) IDE. The top screenshot shows the VS Code interface with the 'String Starifier' project open. The 'TERMINAL' pane is active, showing the execution of a Java program. The program prompts the user to enter a string, and 'Yashu' has been entered. The output is a large ASCII art star pattern. The 'SOURCE CONTROL' pane on the left shows 'Starifier.class' as a staged change. The bottom screenshot shows the same VS Code interface, but the terminal output has changed to 'Thank You !..' and the command prompt is ready for input. The 'SOURCE CONTROL' pane remains the same. The Windows taskbar at the bottom of both screenshots shows the system clock as 06:28 PM on 22-01-2024, with a weather widget indicating 27°C and 'Mostly clear'.