

1. PATTERNS OF THE FOLLOWING LETTERS

CODE FOR “B”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=20;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0&& j<(n-1)/2 || i==(n-1)&& j<(n-1)/2 || i==(n-1)/2&& j<(n-1)/2 || j==(n-1)/2 && i!=(n-1)/2 && i>0 && i<(n-1) || j==0)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “C”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=20;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0 && j>0||i==(n-1) && j>0||j==0 && i>0 && i<(n-1))
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “D”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=20;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0 && j<(n-1)/2||i==(n-1) && j<(n-1)/2||j==(n-1)/2 && i>0
&& i<(n-1)||j==0)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “E”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=20;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0 || i==(n-1)/2 || i==(n-1) || j==0)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “F”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=20;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0 || i==(n-1)/2 || j==0)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “G”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=10;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0 && j>0 || i==(n-1) && j>0 || j==0 || j==(n-1) && i> (n-1)/2
&& i<(n-1) || i==(n-1)/2 && j>(n-1)/4)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “H”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=10;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(j==(n-1)||j==0||i==(n-1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “A”

```
public class check
{
    public static void main(String[] args)
    {
        int n=11;

        for(int i=0;i<n;i++)
        {
            for(int j=0;j<n;j++)
            {
                if(i==0&& j>0 && j<(n-1) || j==0 && i>0 || j==(n-1)&& i>0 || i==(n-
1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```


CODE FOR “TRIANGLE”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=21;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i+j==(n-1)/2||j-i==(n-1)/2||i==(n-1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “QUES. NO-3”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=21;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i+j<=(n-1)/2||j-i>=(n-1)/2||i==0||i==(n-1)||j==0||j==(n-1))
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

CODE FOR “PW SKILLS”

```
public class pattern
{
    public static void main(String args[])
    {
        int n=11;
        for(int i=0;i<n;i++)
        {
            for (int j=0;j<n;j++)
            {
                if(i==0&& j<(n-1)/2 || j==0 || j==(n-1)/2 && i>0 && i< (n-
1)/2 || i==(n-1)/2&& j<(n-1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.print("");

            for (int j=0;j<n;j++)
            {
                if(j==0 && i!=(n-1) || j==(n-1)/2 && i!=(n-1) || j==(n-1)&&
i!=(n-1) || i==(n-1)&& j>0 && j<(n-1)&& j!=(n-1)/2 )
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.print(" ");
            for (int j=0;j<n;j++)
            {
                if(i==0 && j>0 || j==0&& i<(n-1)/2 && i>0 || i==(n-1)/2&&
j>0 || i==(n-1) || j==(n-1)&& i>(n-1)/2)
                {
```

```

        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.print(" ");
for (int j=0;j<n;j++)
{
    if(i+j==(n-1)/2||i-j==(n-1)/2||j==0)
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.print(" ");
for (int j=0;j<n;j++)
{
    if(i==0||j==(n-1)/2||i==(n-1))
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.print(" ");
for (int j=0;j<n;j++)
{
    if(i==0||j==(n-1)/2||i==(n-1))
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.print(" ");
for (int j=0;j<n;j++)
{
    if(j==0||i==(n-1))
    {

```

```

        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}
System.out.print(" ");
for (int j=0;j<n;j++)
{
    if(i==0 && j>0||j==0&& i<(n-1)/2 &&i>0 ||i==(n-1)/2&&
j>0||i==(n-1)||j==(n-1)&&i>(n-1)/2)
    {
        System.out.print("*");
    }
    else
    {
        System.out.print(" ");
    }
}

System.out.println();
}
}
}

```

CODE FOR MY NAME “AYUSH”

```
public class cpattern
{
    public static void main(String[] args)
    {
        int n=11;

        for(int i=0;i<n;i++)
        {
            for(int j=0;j<n;j++)
            {
                if(i==0&& j>0 && j<(n-1) || j==0 && i>0 || j==(n-1)&& i>0 || i==(n-
1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.print(" ");
            for(int j=0;j<n;j++)
            {
                if(i+j==(n-1) || i==j && j<(n-1)/2)
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.print(" ");
            for(int j=0;j<n;j++)
            {
                if(j==0 || j==(n-1) || i==(n-1))
                {
                    System.out.print("*");
                }
                else
                {
                    System.out.print(" ");
                }
            }
            System.out.print(" ");
        }
    }
}
```

```

        for (int j=0;j<n;j++)
        {
            if(i==0 && j>0||j==0&& i<(n-1)/2 &&i>0 ||i==(n-1)/2&&
j>0||i==(n-1)||j==(n-1)&&i>(n-1)/2)
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }
        System.out.print(" ");
        for(int j=0;j<n;j++)
        {
            if(j==0 || j==(n-1)||i==(n-1)/2)
            {
                System.out.print("*");
            }
            else
            {
                System.out.print(" ");
            }
        }

        System.out.println();

    }

}

}

```