|  |  |  |
| --- | --- | --- |
| Name of Variable | Datatype | Description |
| i | Int | Loop variable |
| Ch | Char | Stores letters to be displayed |

Q1. import java.util.Scanner;  
  
public class KboatMenuUpLowCase  
{  
 public static void main(String args[]) {  
 Scanner in = new Scanner(System.in);  
 System.out.println("Enter '1' to display upper case letters");  
 System.out.println("Enter '2' to display lower case letters");  
   
 System.out.print("Enter your choice: ");  
 int ch = in.nextInt();  
   
 switch (ch) {  
 case 1:  
 for (int i = 65; i <= 69; i++)  
 System.out.println((char)i);  
 break;  
   
 case 2:  
 for (int i = 118; i <= 122; i++)  
 System.out.println((char)i);  
 break;  
   
 default:  
 break;  
 }  
 }  
}   
  
Q2. public class KboatPattern

{

public static void main(String args[]) {

for (int i = 65; i < 70; i++) {

for (int j = 65; j <= i; j++) {

if (i % 2 == 0)

System.out.print((char)(j+32));

else

System.out.print((char)j);

}

System.out.println();

}

}

}

|  |  |  |
| --- | --- | --- |
| Name of Variable | Datatype | Description |
| I | Int | Loop variable |
| J | Int | Loop variable |