**Assignment-1**

**Program-1**

**package** i.ineuron.Program;

**public** **class** Assiggnmentprog1 {

**public** **static** **void** main(String[] args) {**int** n=7;

**for**(**int** i=0;i<n;i++)

{

**for**(**int** j=0;j<n;j++)

{

**if**(i==0|| i==(n-1)||j==n/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==j)

{

System.***out***.print("\*");

}

**else**

{

System.***out***.print(" ");

}

}System.***out***.print(" ");

**for**(**int** j=0;j<n;j++)

{

**if**(j==0|| i==0||i==(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|| i==n-1||j==(n-1))

{

System.***out***.print("\*");

}

**else**

{

System.***out***.print(" ");

}

}System.***out***.print(" ");

**for**(**int** j=0;j<n;j++)

{

**if**(j==0||i-j==(n-1)/2||i==0&&j<n/2||j==n/2&&i<n/2||i==n/2&&j<n/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==0||i==n-1)

{

System.***out***.print("\*");

}

**else**

{

System.***out***.print(" ");

}

}System.***out***.print(" ");

**for**(**int** j=0;j<n;j++)

{

**if**(j==0|| j==(n-1)||i==j)

{

System.***out***.print("\*");

}

**else**

{

System.***out***.print(" ");

}

}

System.***out***.println(" ");

}

}}

**Program-2**

**package** i.ineuron.Program;

**public** **class** Assignmentprog {

**public** **static** **void** main(String[] args) {

**for**(**int** i=1;i<5;i++)

{

**for**(**int** j=1;j<5;j++)

{

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

}

System.***out***.println(" ");

}

}

}

**Program-3**

**package** i.ineuron.Program;

**public** **class** Assignmentprog3 {

**public** **static** **void** main(String[] args) {

**int** n=15;

**for**(**int** j=0;j<n;j++)

{

**for**(**int** i=0;i<n;i++)

{

**if**(i==0||i==(n-1)||j==0||j==(n-1)||(i+j<n/2)||(i-j>n/2))

{

System.***out***.print("\*");

}

**else**

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

}

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

}

}

}

**program-4**

**package** i.ineuron.Program;

**public** **class** Assignmentprog4 {

**public** **static** **void** main(String[] args) {

**int** n=7;

**for**(**int** j=0;j<n;j++)

{

**for**(**int** i=0;i<n;i++)

{

**if**(i==0||i==(n-1)||j==0||j==(n-1)||j-i>=n/2||i+j>=(n-1)+(n-1)/2)

{

System.***out***.print("\*");

}

**else**

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

}

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

}

}

}

**program-5**

**package** i.ineuron.Program;

**public** **class** Assiggnmentprog5 {

**public** **static** **void** main(String[] args) {

**int** n=11;

**for**(**int** j=0;j<n;j++)

{

**for**(**int** i=0;i<n;i++)

{

**if**(i==0||j-i>n/2||j==0||j==n-1||(i+j<n/2))

{

System.***out***.print("\*");

}

**else**

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

}

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

}

}

}