**QUS 1…………………………………**

**public** **class** PatternIneuron {

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

**int** n = 5;

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

**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||j==n-1||i==j)

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

**else**

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

}

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

**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***.print(" ");

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

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

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

**else**

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

}

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

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

**if**(j==0||i==0&&j!=n-1||i==(n-1)/2&&j!=n-1||j==1&&i!=n-1&&i!=n-4||j==2&&i!=n-4&&i!=n-2||j==n-1&&i==n-4)

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

**else**

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

}

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

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

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

}

}

}

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QUS 2

**package** com.pattern;

**public** **class** PatterNum {

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

**int** n = 5;

**for** (**int** i = 1; i < n; i++) {

**for** (**int** j = 1; j < n; j++) {

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

}

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

}

}

}

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Qus3

**package** com.pattern;

**public** **class** Pattern3 {

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

**int** n = 14;

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

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

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

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

**else**

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

}

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

}

}

}

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Qus 4

**package** com.pattern;

**public** **class** Pattern4 {

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

**int** n = 14;

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

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

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

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

**else**

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

}

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

}

}

}

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Qus 5

**package** com.pattern;

**public** **class** Pattern5 {

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

**int** n = 14;

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

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

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

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

**else**

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

}

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

}

}

}

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