**Code:**

**package** Patterns2;

**public** **class** Patternb {

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

**for**(**int** i=1;i<=4;i++) {

**int** a=4;

**for**(**int** j=1;j<=(a-i);j++) {

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

}

**for**(**int** k=i;k>=1;k--) {

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

}

**for**(**int** m=2;m<=i;m++) {

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

}

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

}

**for**(**int** i=1;i<=3;i++) {

**int** a=4;

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

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

}

**for**(**int** k=(a-i);k>=1;k--) {

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

}

**for**(**int** m=2;m<=(a-i);m++) {

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

}

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

}

// **TODO** Auto-generated method stub

}

}

Result:

1

212

32123

4321234

32123

212

1

Code:

**package** Patterns2;

**public** **class** Patternd {

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

**for**(**int** i=5;i>=1;i--) {

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

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

}

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

}

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

**for**(**int** k=1;k<=5;k++) {

**for** (**int** p=1;p<=k;p++) {

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

}

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

}

// **TODO** Auto-generated method stub

}

}

Result:

12345

1234

123

12

1

1

12

123

1234

12345

Code:

**package** Patterns2;

**public** **class** Patternc {

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

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

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

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

}

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

}

**for**(**int** k=4;k>=1;k--) {

**for**(**int** p=1;p<=k;p++) {

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

}

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

}

// **TODO** Auto-generated method stub

}

}

Result:

1

12

123

1234

12345

1234

123

12

1

Code:

**package** Patterns2;

**public** **class** Patterna {

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

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

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

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

}

**for**(**int** k=5;k>i;k--) {

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

}

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

}

// **TODO** Auto-generated method stub

}

}

Result:

1\*\*\*\*

12\*\*\*

123\*\*

1234\*

12345