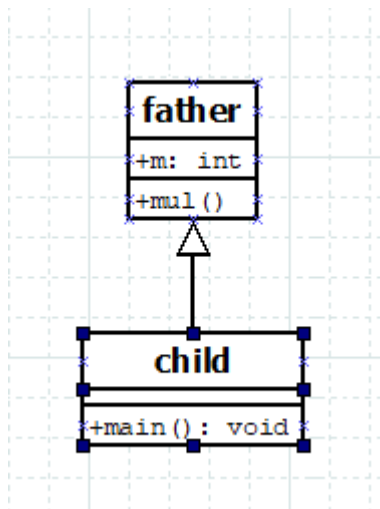


1. สูตรคูณ แม่ 2



โค้ด

father.java

```
1 class father{
2     static int m;
3     static void mul()
4     {
5         for (int i=1; i<=12; i++) {
6             System.out.println(i*m);
7         }
8     }
9 }
```

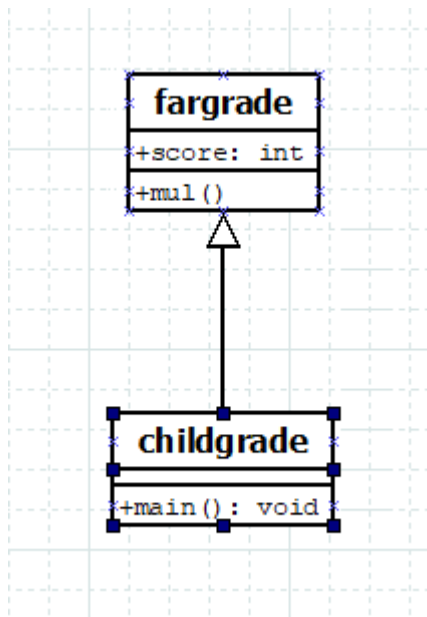
child.java

```
1 class child extends father{
2     public static void main(String args[]) {
3         m = 2;
4         mul();
5     }
6 }
```

ผลลัพธ์

```
d:\JDK\bin>java child
2
4
6
8
10
12
14
16
18
20
22
24
```

2. คำนวณเกรด



โค้ด

fargrade.java

```
1  class fargrade {
2      public static int score;
3      public static void mul() {
4
5          String Grade;
6          if(score >= 80){
7              Grade = "A";
8          }
9          else if(score >= 75){
10             Grade = "B+";
11          }
12          else if(score >= 70){
13             Grade = "B";
14          }
15          else if(score >= 65){
16             Grade = "C+";
17          }
18          else if(score >= 60){
19             Grade = "C";
20          }
21          else if(score >= 55){
22             Grade = "D+";
23          }
24          else if(score >= 50){
25             Grade = "D";
26          }
27          else{
28             Grade = "F";
29          }
30
31          System.out.println(" The Grade is " + Grade);
32      }
33  }
```

childgrade.java

```
1  import java.io.*;
2  class childgrade extends fargrade {
3      public static void main(String args[]) throws IOException{
4          BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
5          String buf;
6          buf = stdin.readLine();
7          score = Integer.parseInt(buf);
8          mul();
9      }
10 }
```

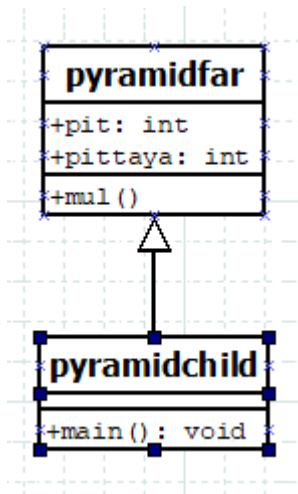
ผลลัพธ์

```
d:\JDK\bin>java childgrade
80
The Grade is A

d:\JDK\bin>java childgrade
75
The Grade is B+

d:\JDK\bin>java childgrade
70
The Grade is B
```

3. พีระมิด1



โค้ด

pyramidfar.java

```
1  class pyramidfar {
2      public static int pit;
3      public static int pittaya;
4      public static void mul() {
5          int totalpit = 4;
6          for (int pit=1; pit <= totalpit; pit++) {
7              for (int pittaya=1; pittaya <= pit; pittaya++) {
8                  System.out.print("*"); }
9              for (int pittaya=pit; pittaya >= 2; pittaya--) {
10                 System.out.print(pittaya); }
11             for (int pittaya=1; pittaya <= pit; pittaya++) {
12                 System.out.print(pittaya); }
13             System.out.println();
14         }
15     }
```

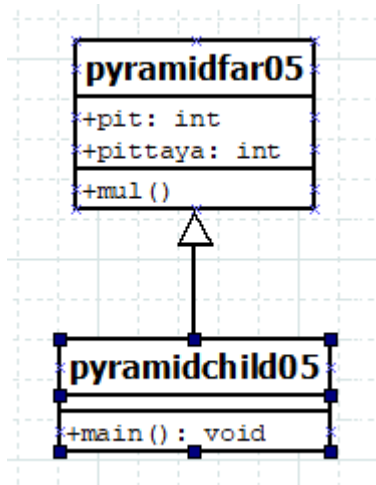
pyramidchild.java

```
1  class pyramidchild extends pyramidfar{
2      public static void main(String args[]) {
3          mul();
4      }
5  }
```

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```
d:\JDK\bin>java pyramidchild
*1
**212
***32123
****4321234
```

4. พีระมิด2



โค้ด

pyramidfar05.java

```
1  class pyramidfar05 {
2      public static int pit;
3      public static int pittaya;
4      public static void mul() {
5          for(int pit=1;pit<=4;pit++){
6              for(int pittaya=1;pittaya<=4-pit;pittaya++){
7                  System.out.print(" ");
8              }
9              System.out.print(pit);
10             for(int pittaya=2;pittaya<=pit;pittaya++){
11                 System.out.print("***");
12             }
13             System.out.print(pit);
14             System.out.println();
15         }
16         for(int pit=3;pit>=1;pit--){
17             for(int pittaya=1;pittaya<=4-pit;pittaya++){
18                 System.out.print(" ");
19             }
20             System.out.print(pit);
21             for(int pittaya=2;pittaya<=pit;pittaya++){
22                 System.out.print("***");
23             }
24             System.out.print(pit);
25             System.out.println();
26         }
27     }
28 }
```

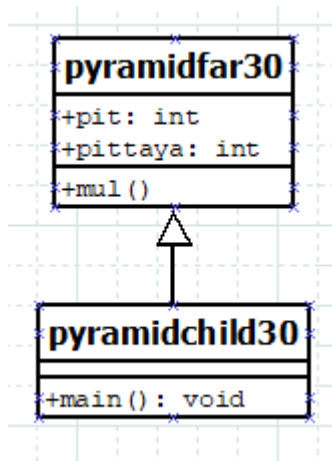
pyramidchild05.java

```
1 class pyramidchild05 extends pyramidfar05{
2     public static void main(String args[]) {
3         .....
4         mul ();
5     }
```

ผลลัพธ์

```
d:\JDK\bin>java pyramidchild05
  11
 2**2
3****3
4*****4
3****3
 2**2
  11
```


5. พีระมิด3



โค้ด

pyramidfar30.java

```
1 class pyramidfar30 {
2     public static int pit;
3     public static int pittaya;
4     public static void mul() {
5         for(int pit=1;pit<=5;pit++) {
6             for(int pittaya=2;pittaya<=pit;pittaya++) {
7                 System.out.print(" ");
8             }
9             for(int pittaya=0;pittaya<=5-pit;pittaya++){
10                System.out.print("*");
11            }
12            for(int pittaya=0;pittaya<=4-pit;pittaya++){
13                System.out.print("*");
14            }
15            for(int pittaya=pit;pittaya>=1;pittaya--) {
16                System.out.print(pittaya);
17            }
18            System.out.println();
19        }
20    }
21 }
```

pyramidchild30.java

```
1 class pyramidchild30 extends pyramidfar30{
2     public static void main(String args[]) {
3         mul();
4     }
5 }
```

ผลลัพธ์

```
d:\JDK\bin>java pyramidchild30
*****1
 *****21
  *****321
   *****4321
    *****54321
```