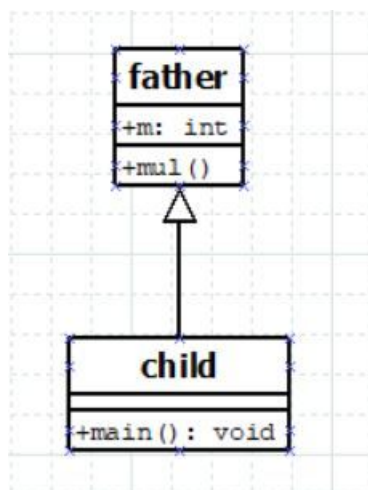


โปรแกรมที่ 1 : โปรแกรมแสดงสูตรคูณแม่ 2



father.java - Notepad

File Edit Format View Help

```

class father {
    static int m;
    static void mul() {
        for (int i=1; i<=12; i++) {
            System.out.println(i * m);
        }
    }
}
  
```

child.java - Notepad

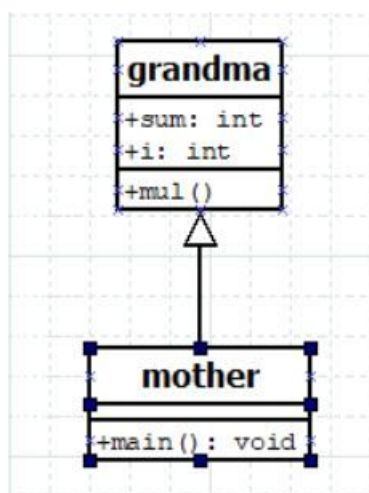
File Edit Format View Help

```

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

```
C:\Program Files\Java\jdk-10.0.2\bin\classdiagram>java child
2
4
6
8
10
12
14
16
18
20
22
24
```

โปรแกรมที่ 2 : โปรแกรมแสดงผลบวกตั้งแต่ 1 ถึง 100



```

grandma.java - Notepad
File Edit Format View Help
class grandma {
    static int sum;
    static int i;
    static void mul() {
        for (i = 1; i <= 100; i++) {
            sum += i;
        }
        System.out.println("Summation 1 to 100 = " + sum);
    }
}

```

```

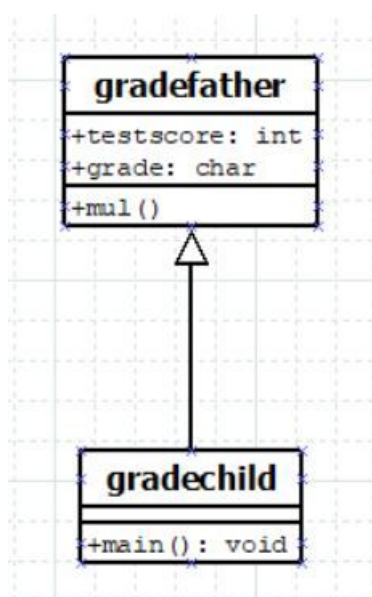
mother.java - Notepad
File Edit Format View Help

class mother extends grandma {
    public static void main(String[] args) {
        int sum = 0;
        int i = 1;
        mul();
    }
}

C:\Program Files\Java\jdk-10.0.2\bin\classdiagram>java mother
Summation 1 to 100 = 5050

```

โปรแกรมที่ 3 : โปรแกรมคำนวณเกรด



```

gradefather.java - Notepad
File Edit Format View Help
class gradefather {
    static int testscore;
    static char grade;
    static void mul() {
        if (testscore >= 90) {
            grade = 'A';
        } else if (testscore >= 80) {
            grade = 'B';
        } else if (testscore >= 70) {
            grade = 'C';
        } else if (testscore >= 60) {
            grade = 'D';
        } else {
            grade = 'F';
        }
        System.out.println("Grade = " + grade);
    }
}

```

```

gradechild.java - Notepad
File Edit Format View Help
class gradechild extends gradefather {
    public static void main(String args[]) {
        int testscore = 40;
        char grade;
        mul();
    }
}

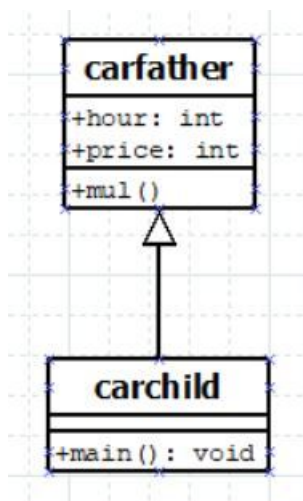
```

```

c:\Program Files\Java\jdk-10.0.2\bin>java gradechild
Grade = F

```

โปรแกรมที่ 4 : โปรแกรมคำนวณค่าจอดรถ



carfather.java - Notepad

File Edit Format View Help

```

import java.util.Scanner;
class carfather {
    static int hour;
    static int price;
    static void mul() {
        Scanner Scan = new Scanner(System.in);
        System.out.print("จำนวนชั่วโมง = ");
        hour = Scan.nextInt();
        if (hour < 2){
            price = 0;
            System.out.println("ไม่เสียค่าจอดรถ");
        }else if (hour < 6){
            price = 20;
            System.out.println("ค่าจอดรถ = " + price+ " บาท");
        }else{
            price = 50;
            System.out.println("ค่าจอดรถ = " + price + " บาท");
        }
    }
}

```

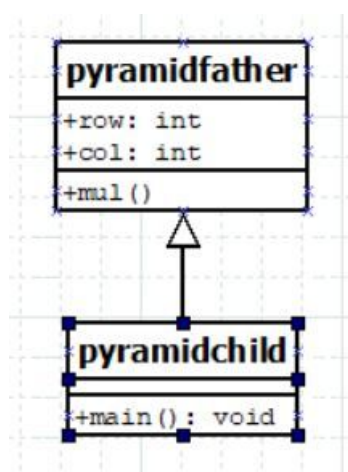
```

carchild.java - Notepad
File Edit Format View Help
class carchild extends carfather {
    public static void main(String args[]) {
        int hour = 0;
        int price = 0;
        mul();
    }
}

c:\Program Files\Java\jdk-10.0.2\bin>java carchild
จำนวนชั่วโมง = 5
ค่าจ่อรถ = 20 บาท

```

โปรแกรมที่ 5 : โปรแกรมแสดงรูปพีระมิด



```

pyramidfather.java - Notepad
File Edit Format View Help
class pyramidfather {
    static int row;
    static int col;
    static void mul() {
        for(int row=1;row<=7;row++) {
            for(int col=2;col<=1+row;col++) {
                System.out.print(" ");
            }
            for(int col=1;col<=1;col++){
                System.out.print(col);
            }
            for(int col=row;col<=6;col++){
                System.out.print("01");
            }
            System.out.println("");
        }
    }
}

```

```

pyramidchild.java - Notepad
File Edit Format View Help
class pyramidchild extends pyramidfather {
    public static void main(String args[]) {
        int row;
        int col;
        mul();
    }
}

```

```

c:\Program Files\Java\jdk-10.0.2\bin>java pyramidchild
1010101010101
10101010101
10101010101
101010101
1010101
10101
10101
101
1

```