

Author : GV Do Phu Quy
Subjects : Java program
Email : phuquycntt@gmail.com
PhoneNumber : 036 7379 543 - 0935 366 007

JAVA ASSIGNMENTS 2 – OOP

1. Create an application to manage student's information as below:
 - Create variables to save a student's information like: studentCode, studentName, studentAge, studentSex and set value for them.
 - Print student's information to screen.
 - Edit program to permit user inputs data from keyboard.
 - Edit program to permit user inputs a list of student from keyboard until "n" key pressed.
2. Write a program to accepts a number n from 1 to 12 and then print number of days in month n of the current year. If user enter a number out of range an error message will display.
Hint: Use switch case statement
3. Write program to accepts two integer numbers (a and b), then calculate and display their greatest common divisor.
Hint: define function **int greatestCommonDivisor(int a, int b)**
Example: greatestCommonDivisor (18, 12) = 6;
(Ước số chung lớn nhất – Có thể xem thuật toán trên mạng)
4. Write a program print multiplication table.
5. Write a program to accept an integer number and print the rectangle as below: (use loop statement)

Example:

N = 3

N = 4

6. Write a program to accept an integer number and print the triangle as below: (use loop statement)

Example:

N = 3

```
*  
**  
***
```

N = 4

```
*  
**  
***  
****
```

7. Write a program to accept an integer number and print the triangle as below: (use loop statement)

Example:

N = 3

```
*  
**  
***
```

N = 4

```
*  
**  
***  
****
```