// Command Line Input
java UserInput 100 200

Scanner - It is a Buffer, to Store the System Input.
Input and Output are the slow things.

Q1. Student Report Card
Name:
5 Subject Marks
Total
Percentage
Grade
>=90 A Grade
<Below 90 to 70 B Grade
Below 70 to 50 C Grade
Below 50 D Grade

Q2. Given Product cost price and selling price Profit / Loss

Q3. Create Calculator so it can do + - * /

Question 4: Find Enter Number is Positive or Negative Number

Question 5: Check Whether a Enter value is Alphabet or Digit or Special Character

Question 6: Check Enter Character is Capital or Small

Question 7: Calculate the Profit or Loss.

Question 8 : Take input of age of 3 people by user and determine oldest and youngest among them.

Question 9 : A student will not be allowed to sit in exam if his/her attendence is less than 75%. Take following input from user
Number of classes held
Number of classes attended.
And print
percentage of class attended
Is student is allowed to sit in exam or not.

Question 10: Write a program to read temperature in centigrade and display a suitable message according to temperature state

below.

Temp < 0 then Freezing weather

Temp 0-10 then Very Cold weather

Temp 10-20 then Cold weather

Temp 20-30 then Normal in Temp

Temp 30-40 then Its Hot

Temp >=40 then Its Very Hot

Question 11: Write a program to check whether an alphabet is a vowel or consonant

Question 12: Write a program to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as

follow

Unit	Charge/unit
upto 199	@1.20
200 and above but less than 400	@1.50
400 and above but less than 600	@1.80
600 and above	@2.00

if bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Test Data :

1001

James

800

Expected Output :

Customer IDNO :1001

Customer Name :James

unit Consumed :800

Amount Charges @Rs. 2.00 per unit : 1600.00

Surchage Amount : 240.00

Net Amount Paid By the Customer : 1840.00

Q13.Pythagorean Triplets

Given 3 Numbers

a^2 = B^2 + c^2