

MID TERM LAB QUESTIONS

(SEN101)

Q.1 Write a program that takes a/b and c/d from user in same format,

- Divide
- Multiply
- Subtract
- Add
- Both of them and simplify

E.g $27/90 = 9/30 = 3/10$

Q. 2 Write a program that calculate the profit on amount.

- a) Take user input of amount and month of deposit
- b) No of months of investment
- c) Deduct zakat on may (rate 2.5%)
- d) Profit will be added on 12 month (rate 12%)

Display total amount after investment

Q.3 Display three cards

- a) Swap randomly
- b) Ask for specific card
- c) Check for answer

Q.4 Write down the code that the number user inputs is in the fibornii series or a prime number

- a) Enter user number
- b) Check for fibonii (1,1,2,3,5,8,.....)
- c) If fibonii then display found other wise display closest fibonii number
- d) Check for prime number
- e) If it is prime then display prime found other wise display nearest prime number.

Q.5 Write down pound, shilling and cent program such that

11 cent = 1 shilling, 11 shilling = 1 pound.

Write the program that add two user inputs values in pound cent format then perform the following

- a) Take user input in pound and cent
- b) Convert both input in pound shilling format
- c) Add or subtract both input
- d) Display result in pound and shilling

Q.6 Write a code that prints table of 2 to 20

2 * 1 = 2 3 * 1 = 3 10 * 1 = 10
2 * 2 = 3 3 * 2 = 6 10 * 2 = 20
.
.
.
.
.
2 * 12 = 24 3 * 12 = 36 10 * 12 = 120

11 * 1 = 11..... 20 * 1 = 20
.
.
.
.
.
11 * 12 = 132..... 20 * 12 = 240

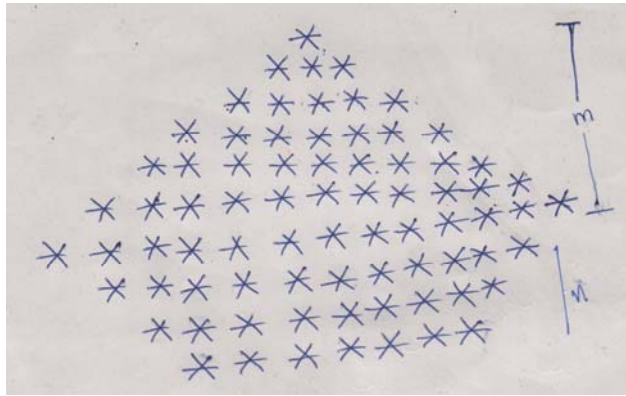
Q.7 Write a code which will perform the following task

- a) Take 2 operands and perform operation between them
- b) Operation can be of '+', '-', '*', '/'
- c) Should give error when number is being divided by zero

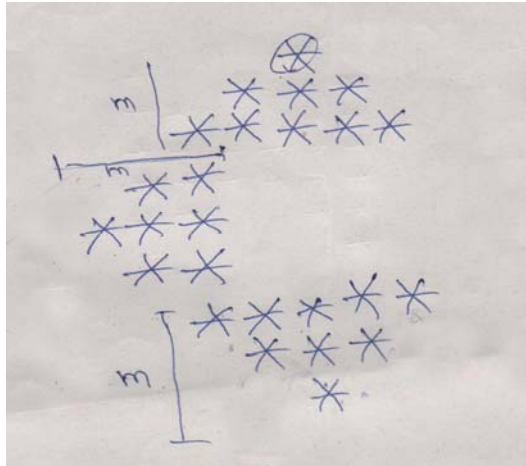
User input should be in the form of 3/5 = 0.6

Q.8 Print the following out put on the screen using loops

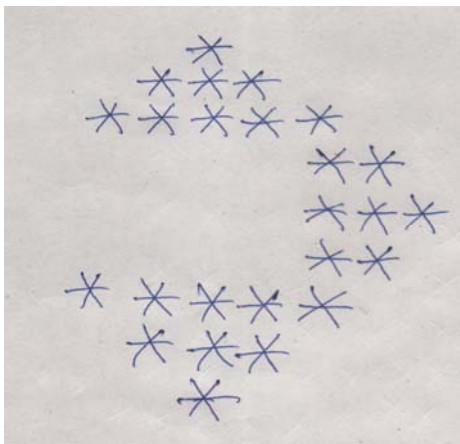
1.



2.



3.



4.

