Q1.

Users are required to enter two "double" numbers: 'x' and 'y' using the keyboard (STDIN).

Please print out the result of $2x^2 + 3y + 4$ with 4 decimal places.

Below is an example of how the program will run:

Enter the values 2.2222 for 'x', 3.3333 for 'y'.

```
2.2222
3.3333

OUTPUT:
23.8762
Press any key to continue . . .
```

Q2.

Users are required to enter an integer number: 'r' using the keyboard (STDIN). Here, 'r' is radius of a circle (r > 0).

Please prints out perimeter of the circle with 2 decimal places. Where the PI represents a constant, approximately equal to 3.14

Below is an example of how the program will run:

For example, enter the value 9 for 'r'

```
9

OUTPUT:
56.52
Press any key to continue . . .
```

Q3.

Users are required to enter two "double" numbers: 'a' and 'b' using the keyboard (STDIN).

The system displays the average value of the square of each number with 4 decimal places.

Below is an example of how the program will run:

Enter the value 3.3333 for 'a' and 4.5555 for 'b'.

```
3.3333
4.5555

OUTPUT:
15.9317
Press any key to continue . . .
```
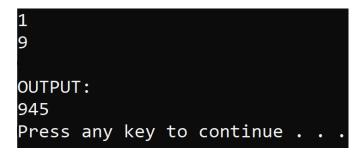
Q4.

Users are required to enter two integer numbers: 'a' and 'b' using the keyboard (STDIN). If a > b then swaps the value of these two variables (0 < a <= 10, 0 < b <= 10).

Print out the product of odd numbers in range [a, b].

Below is an example of how the program will run:

For example, enter the value 1 for 'a' and 9 for 'b'

```
1
9

OUTPUT:
945
Press any key to continue . . .
```

Q5.

Users are required to enter two integer numbers: 'a' and 'b' using the keyboard (STDIN).

Print out result power of a^b

```
2
8

OUTPUT:
256
Press any key to continue …
```