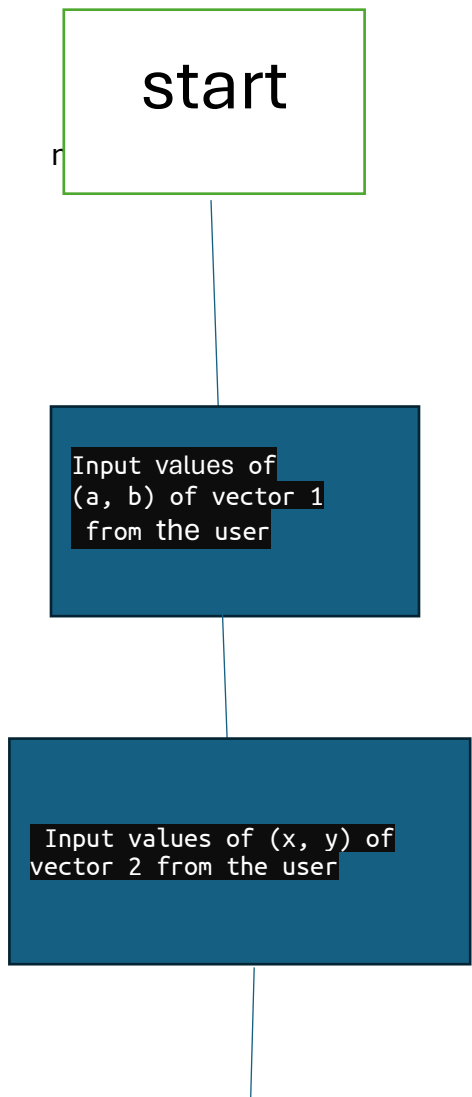1. Start

2. Input values of (a, b) of vector 1 from the user.

3. Input values of (x, y) of vector 2 from the user.

4. Multiply 'ax' with 'bx'.

5. Multiply 'ay' with 'by'.

6. Add the results from steps 4 and 5.

7. If result equals to '0'

8. Print "The vectors are orthogonal."

   Else:

 9. Print "The vectors are not orthogonal."

8. End

start

Input values of
(a, b) of vector 1
 from the user

Input values of (x, y) of
vector 2 from the user

Multiply 'ax' with 'bx'

Multiply 'ay' with 'by'