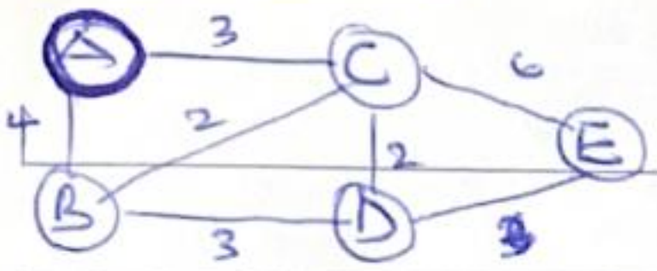
Sub:

Date:

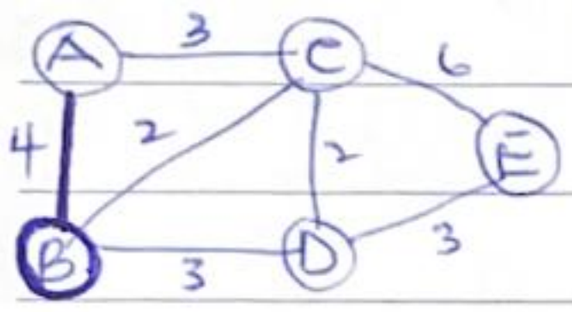
1st iteration



Vertex	shortest distance from A	Previous Vertex
A	0	
B		
C		
D		
E		

Unvisited = [B, C, D, E]

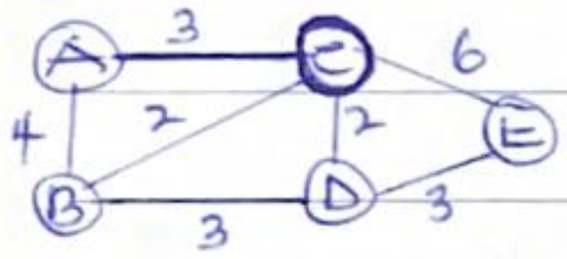
2nd iteration



Vertex	shortest distance from A	Previous Vertex
A	0	
B	4	A
C		
D		
E		

Unvisited = [C, D, E]

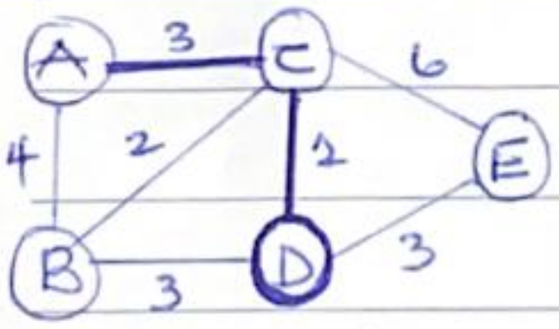
3rd iteration



Vertex	shortest distance from A	Previous Vertex
A	0	
B	4	A
C	3	A
D		
E		

Unvisited = [D, E]

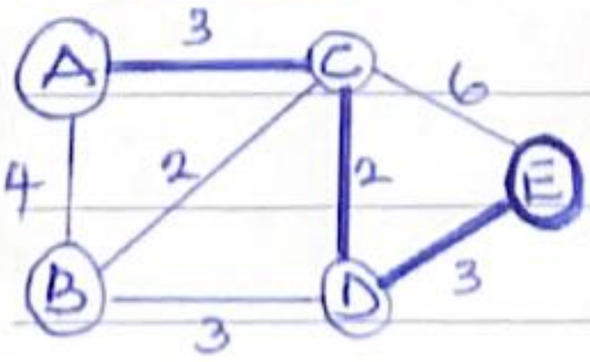
4th iteration



Vertex	shortest distance from A	Previous Vertex
A	0	
B	4	A
C	3	A
D	5	C
E		

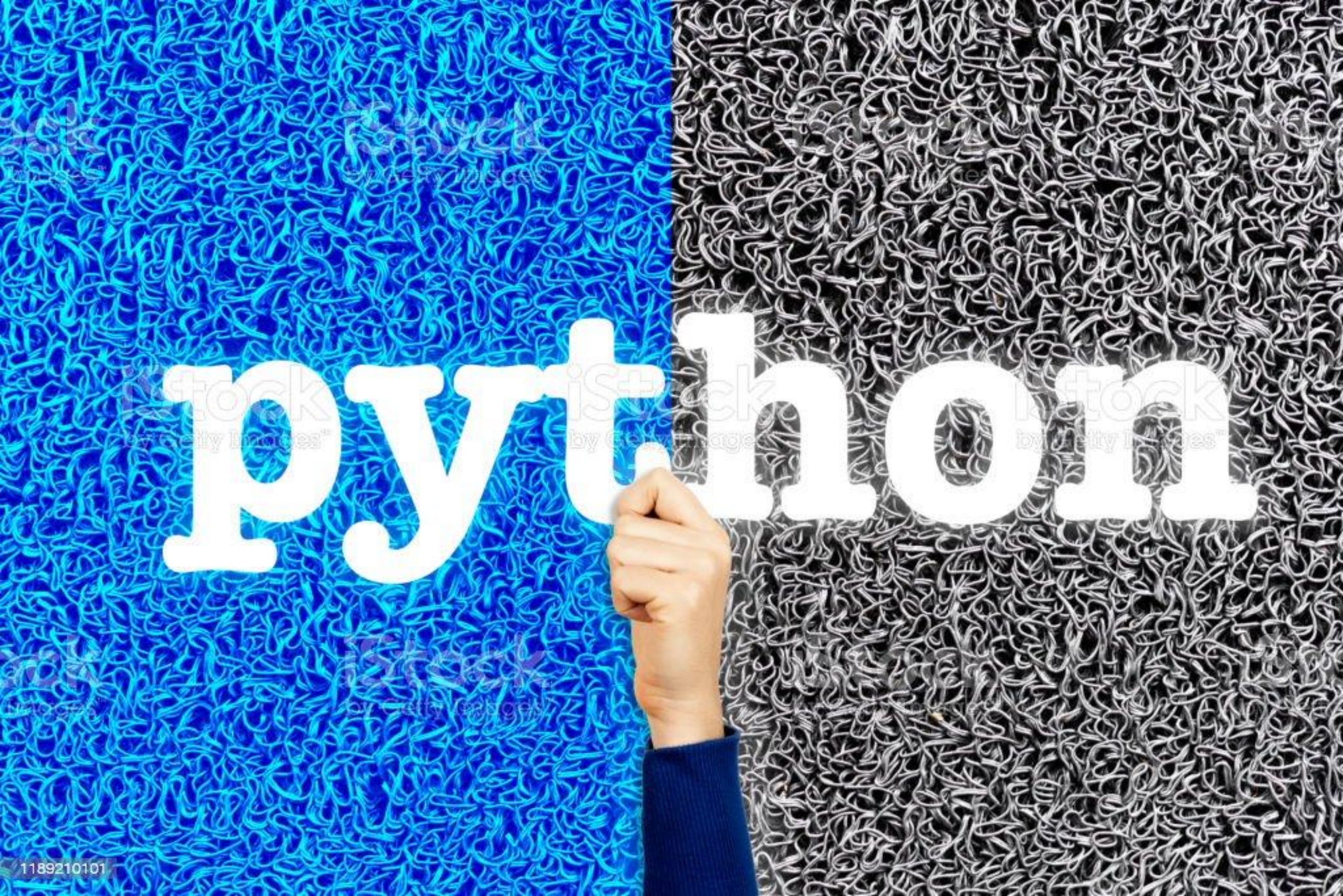
Unvisited = [E]

5th Iteration



Vertex	shortest distance from A	Previous Vertex
A	0	
B	4	A
C	3	A
D	5	C
E	8	D

Unvisited = [ ]


python