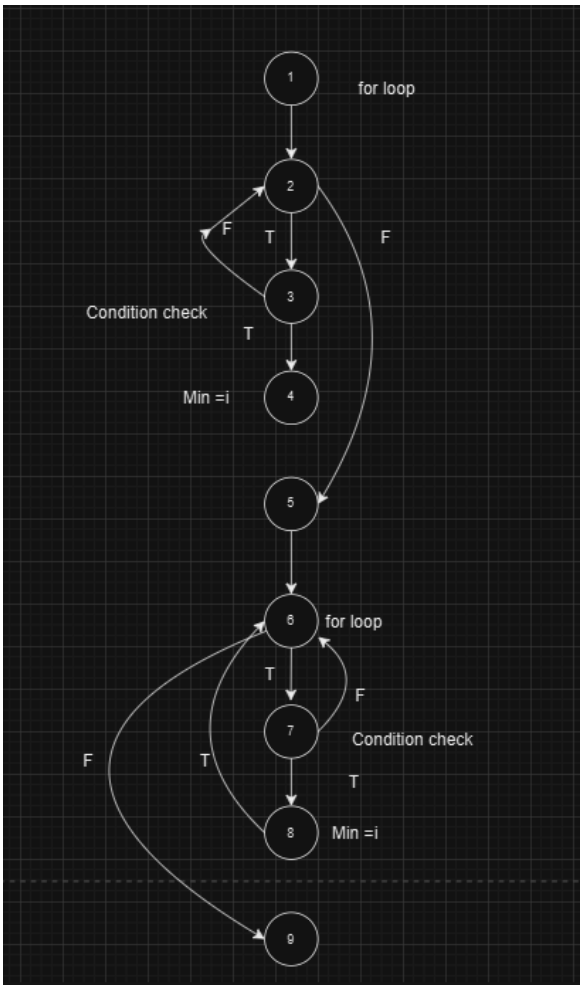
SE-Lab9
202201524

Control flow graph :



Code in python:

```python
class Point:
    def __init__(self, x, y):
        self.x = x
        self.y = y

def do_graham(points):
    min_index = 0  # Start with the first point as the minimum

    # Search for the minimum y-coordinate
    for i in range(1, len(points)):
        if points[i].y < points[min_index].y:
            min_index = i

    # Continue along values with the same y component
    for i in range(len(points)):
        if points[i].y == points[min_index].y and points[i].x > points[min_index].x:
            min_index = i

    return min_index
```

TestCase :