**10 5**

**57 69**

**35 72**

**53 76**

**77 79**

**49 87**

**80 90**

**75 94**

**46 95**

**64 96**

**22 99**

**Greedy go through the movies order sorted increasingly based on end:**

**movies = [(57, 69), (35, 72), (53, 76), (77, 79), (49, 87), (80, 90), (75, 94), (46, 95), (64, 96), (22, 99)]**

**Iterate through the sorted movies above**

**Check if the start of the next movie is after the end of a previous movie. If it is, stick it at the end of that movie**

**(57, 69)**

**(35, 72) -> (75, 94)**

**(53, 76) -> (77, 79) -> (80, 90)**

**(49, 87)**

**(46, 95)**

**5 1**

**1 100**

**2 4**

**4 5**

**5 6**

**6 7**

**14 10**

**1 3 4 8 9 10 12 13 14 16 17 22 23 24**

**^ | ^ |**

**5 6 6 7 6 5 5 5 5 4 3 2 1 0**