```
& B&B Travelling salesman.py
                                           & hamiltonian.py
                                                                                         sum of subsets.py
                                                                                                              tsp dynamic programmind.py
                                                                                                                                            graph colouring.py
                                             def addEdge(adj, v, w):
copy the program recursive.py
                                                                                                                                                         A1 A11 ^
                                                  adj[v].append(w)
fact non recursive.py
fact recursive.py
                                                  adj[w].append(v)
fib non recersive.py
                                                  return adj
fib recursive.py
                                              def greedyColoring(adj, V):
floyds.py
                                                  result = [-1] * V
gcd non recursive.py
                                                  result[0] = 0;
gcd recursive.py
                                                  available = [False] * V
graph colouring.py
                                                  for u in range(1, V):
hamiltonian.py
                                                       for i in adj[u]:
knapsack.py
                                                            if (result[i] != -1):
lcm non recursive.py
                                                                available[result[i]] = True
cm recursive.py
map coloring.py
max and min.py
                                                       while cr < V:
max non recursive.py
                                                            if (available[cr] == False):
max recusive.py
                                                                break
## mergesort.py
MST.pv
                                                       result[u] = cr
multiplication non recursive.py
                                                       for i in adj[u]:
multiplication recursive.py
                                                           if (result[i] != -1):
n-queens.py
                                                                available[result[i]] = False
optimal BST.py
                                                  for u in range(V):
palindrome non recursive.py
                                                       print("Vertex", u, " ---> Color", result[u])
palindrome recursive.py
prime or not non recursive.py
prime or not recursive.py
```

```
print("Vertex", u, " ---> Color", result[u])
                                                                                                                                                        A1 A11 ^
copy the program recursive.py
                                             if __name__ == '__main__':
fact non recursive.py
                                                 g1 = [[] for i in range(5)]
fact recursive.py
                                                 g1 = addEdge(g1, 0, 1)
fib non recersive.py
                                                 g1 = addEdge(g1, 0, 2)
fib recursive.py
                                                 g1 = addEdge(g1, 1, 2)
floyds.py
                                                 g1 = addEdge(g1, 1, 3)
gcd non recursive.py
                                                 g1 = addEdge(g1, 2, 3)
gcd recursive.py
graph colouring.py
                                                 g1 = addEdge(g1, 3, 4)
hamiltonian.py
knapsack.py
                                                 greedyColoring(g1, 5)
lcm non recursive.py
                                                 g2 = [[] for i in range(5)]
lcm recursive.py
                                                 g2 = addEdge(g2, 0, 1)
map coloring.py
                                                 g2 = addEdge(g2, 0, 2)
the max and min.py
                                                 g2 = addEdge(g2, 1, 2)
max non recursive.py
                                                 g2 = addEdge(g2, 1, 4)
max recusive.py
mergesort.py
                                                 g2 = addEdge(g2, 2, 4)
MST.py
                                                 g2 = addEdge(g2, 4, 3)
multiplication non recursive.py
                                                 print("\nColoring of graph 2")
multiplication recursive.py
                                                 greedyColoring(g2, 5)
n-queens.py
optimal BST.py
palindrome non recursive.py
palindrome recursive.py
```

