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                                                01Knapsack.cpp - DAA-practical - Visual Studio Code
    C 01Knapsack.cpp X
     Practical-6 > C→ 01Knapsack.cpp > ...
       1 // Author: Anish Tilloo
2 // Roll No.: 34
0
           // Program: Knapsack Problem
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           #include<bits/stdc++.h>
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           using namespace std;
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           int knapsack(int value[], int wt[], int n, int W){
               if (n == 0 || W == 0)
So
                   return 0;
               if (wt[n - 1] > W)
                   return knapsack(value, wt, n - 1, W);
               (8)
          int main(){
503
           int n, W;
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                                                                                      01Knapsack.cpp - DAA-practical - Visual Studio Code
    • 01Knapsack.cpp ×
     Practical-6 > C→ 01Knapsack.cpp > ...
           int main(){
               int n, W;
cout << "Enter the capicity of the knapsack " << endl;</pre>
8
               cin >> W;
Ili
               cout << "No of items " << endl;</pre>
               cin >> n;
               int value[n];
of
               int wt[n];
               for (int i = 0; i < n; i++)
                   \mbox{\tt cout} \mbox{\tt <<} "Enter the weight of that item " << i << " " << endl;
                   cin >> wt[i];
                   cout << "Enter the value of the items " << i << " " << endl;</pre>
                   cin >> value[i];
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253
               cout << knapsack(value, wt, n, W);</pre>
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