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ADA-Lab-2
                                                        18M19CSO87
                                                        Mithon. R.K
question: Implement 0/1 knapsack problem using
                                                         4-8
Modification: Give the count of Items selected.
Code: # include < stdro. h>
       int max (int, int);
       int m,i,j,n,p[10],W[10],V[10][10], x[10], op-soln,flag=0;
       ent knapsack ();
       void object-delected();
        void main() {
         printf ("Enter number of objects \n");
          Scanf (" %d", &n);
         prints ("Enter weights of N objects In");
         fox (1=1;1/=n;1++).
              scank ("%d", & W(:));
          prints ("Enter profits of Nobjects Im");
          for (1=1;14=n;1++)
              scang ("%d", &p(i]);
          printf("Enter the capacity of knapsackin");
              Scanf ("%d", &m);
          op-soln = knapaack (n, w, m, x, p);
          prints("Outpot is In");
          for (1=051/= M5 1++) {
            for (3=0 3 3 x= m 5 3++) {.
                prints (" " d LE", v [i][3]);
           · pr.wf("\n");
           prints ("optimal Solution = %d In", op-soln);
           object: selected ();
```

out mex (inta, intb) {.

z.

xxum (a>6 ?a :6);

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