EXPERIMENT 13

AM

Work program to perform constant propagation.

PROGRAM

Abecloshim.

Stonef expor ?

chor op (2-1), eq 1 [5], op 2 [5], AU [5];

int flag;

fau [10];

main () ?

input ();

constant ();

output ();

11 scan and in put datata to struct array using input () function.

raid constant () ?

3

bory ft (, 12);

```
car 141
          No = op 1 + op 2;
          break;
 can /' he = op1/op2; blak
 oarl 2' les = opsi break.
 sprint (rest , %d, rus)
 change (1, 18, 1);
Mprint the output using output function.
rold change (Int p, char tres) }
    for (1= P+1 ; Kn; i++) {
          if (strump([P]. No, an (i]. opt) ==0)
                 stapy (arr(i]. cp1, ru);
          else if (stremp (arr [P]. res , ass [i] · ap 2) == 0)
                strapty ( arr (1). op2, his);
```

OUT PUT

Enter the maximum number of eaporessions: 4

Enter the input:

- 3 - a

- ab t1

+ a c t2

Optimized cocle is: t = 3 + 5 + 1 t = 3 + 2 + 1 + 12 + 12 + 13

+ +1 +2 +3

million 198 and grant from the rest to the last to the

(Late of 1 Dans) Again Trillate of the fire

a establish

344

D states

: [4] 45-] 1].

(District