pate - monotonic sche duling Algorithm pu 12 Fin. dude (stdio.h) # include (conio. 4) the puret time for of include (math-4) you'd moun () int n; float e[20) P[0]; float Ut Mx sy; clasen (); print (" In Enter number of processes: "); Scanf ("ofod" dn); for (i=0 jicn ji++) printh (" In Entere Ene cution Time for porod: " Sconfe ("dob", de [i]) Print b (" In Enter period for popol ::" S. only ("406") & P[i]);

for (i=0; i <n; i++) X=RED/PED; Y= (flout) ~; Y=y* ((pow (2-0 5 1/7)) - D) if (ut < u) Quintle ("In AS 0/0 fr < 0/0 fr (") ret, 4) printle (" In The System 18 Surely School elle puinta (" | n Not Secure ... ").

```
[]
≥ Terminal
                                                                                               Enter Number of Processes :: 3
             scanf("%f", &e[i]);
printf("\n Enter Period for P%d
                                                                                               Enter Execution Time for P1 ::2
                                                                                               Enter Period for P1 ::8
              ::", (i + 1));
scenf("%f", &p[i]);
                                                                                               Enter Execution Time for P2 ::4
                                                                                               Enter Period for P2 ::16
                                                                                               Enter Execution Time for P3 ::1
                                                                                               Enter Period for P3 ::6
                                                                                               As 0.666667 < 0.779763 ,
                                                                                               The System is surely Schedulable
             x = e[i] / p[i];
ut += x;
         y = (float)n;
         y = y * ((pow(2.0, 1 / y)) - 1);
u = y;
          if (ut < u) {
                Schedulable");
```

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