

③ Write a C program to simulate Priority CPU scheduling algorithm.

PRIORITY SCHEDULING:-

```
#include <stdio.h>
int main ()
{
    int i, n, p, t, bt[10], wt[10], tat[i],
    pr[10], pos;
    float awt = 0, atat = 0;
    printf("Enter the processes : ");
    scanf("%d", &n);
    printf("Enter the burst times");
    for (i = 0; i < n; i++)
        scanf("%d", &bt[i]);
    printf("Enter priorities of processes :");
    for (i = 0; i < n; i++)
    {
        scanf("%d", &pr[i]);
    }
    for (i = 0; i < n; i++)
    {
        pos = i;
        for (j = i + 1; j < n; j++)
        {
            if (pr[j] < pr[pos])
            {
                pos = j;
            }
        }
    }
}
```