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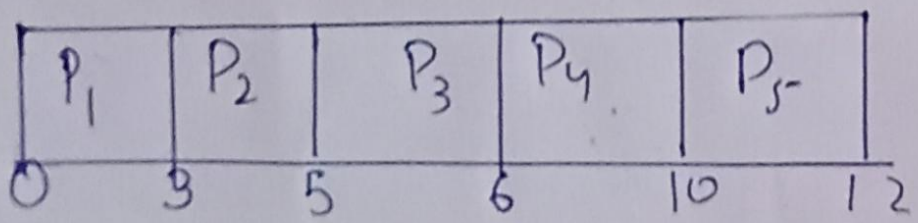
Section => A

Process	Burstime	arrival time
P_1	3	0
P_2	2	0
P_3	1	0
P_4	4	0
P5	2	0

Q.



Average Waiting time

$$\Rightarrow \frac{0+3+5+6+10}{5} \Rightarrow \frac{24}{5} \Rightarrow 4.8$$

Average turn Around time

$$\Rightarrow \frac{3+5+6+10+12}{5} = \frac{36}{5} \Rightarrow 7.2$$

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```
# include <stdio.h>
 int main()
 {
 int at [10], bt[10], rt [10], end time,
          i, smallest;
 int remain = 0, n , time, sum_wait = 0, sum_
turnaround = 0;

Printf ("Enter no of Processes");
  Scanf ("%d", &n);
  for (i = 0; i<n; i++)
   {
   Printf ("Enter arrival time for Process P%d
   Scanf ("%d", & at [i]);
  Printf ("Enter burst time for Process P%d
  Scanf ("%d", & bt [i];
```

```
at[i] = bt[i];
}
Printf("\n\n Process\t Turnaround time\t Waiting time
                                    \n\n");
Scanf("%d", &bur[i]);
  waiting[i] = 0;
  totalt = bur[i];
  }
for(i = 0; i<n; i++)
  {
    for(j = i+1; j<n; j++)
    {
    if(ari[i] > ari[j])
```