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Course-Bsc IT 4Sem

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```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
int n;
```

```
printf("Enter The Number of Process");
```

```
scanf("%d",&n);
```

```
int bt[n],at[n],tat[n],wt[n],pid[n],ct[n];
```

```
printf("Enter The Burst Time \n");
```

```
for(int i=0; i<n; i++)
```

```
printf("Burst Time P%d: ",i+1);
```

```
scanf("%d",&bt[i]);
```

```
}
```

```
int temp;
```

```
// Sorting The Process According To Burst Time
```

```
for(int i=0; i<n; i++)
```

```
temp=bt[i];
```

```
bt[i]=bt[i+1];
```

```
bt[i+1]=temp;
```

```
temp=pid[i];
```

```
pid[i]=pid[i+1];
```

```
pid[i+1]=temp;
```

```
}  
}  
}
```

```
temp=0;
```

```
printf("PID\tBT\tWT\tTAT\n");
```

```
for(int i=0;i<n;i++){
```

```
temp+=bt[i];
```

```
wt[i]=wt[i]+bt[i];
```

```
printf("Cdu\tCdu\tCdu\tCdu\n",pid[i]+1,bt[i],wt[i],wt[i]);
```

```
}  
}
```