**ROUND ROBIN IN C:**

// ROUND ROBIN

// bt=[]   # burst time

// wt=[]   # waiting time

// tat=[]   # time around time

// rem\_bt=[]   # remaining burt time

// # n , no. of process

// # qt , quantum time

// # count , about process

// awt , average wait time

// atat , average turn around time

// i , for loop

// temp & sq are temporary variable

#include<stdio.h>

#include<conio.h>

void main()

{

    int n,i,qt,count=0,temp,sq=0,bt[10],wt[10],tat[10],rem\_bt[10];

    float awt=0,atat=0;

   printf("enter number of process");

    scanf("%d",&n);

   printf("enter burst time of process");

    for ( i = 0; i < n; i++)

    {

       scanf("%d",&bt[i]);

       rem\_bt[i] = bt[i];

    }

    printf("Enter Quantum time");

    scanf("%d",&qt);

        for ( i = 0, count=0 ;i < n; i++)

        {

            temp = qt;

            if (rem\_bt[i]==0)

            {

                count++;

                continue;

            }

            if (rem\_bt[i] > qt)

                rem\_bt[i]=rem\_bt[i] - qt;

            else

            if (rem\_bt[i] >= 0)

            {

                temp = rem\_bt[i];

                rem\_bt[i] = 0;

            }

            sq = sq + temp;

            tat[i] = sq;

        }

        if (n == 0)

        {

            break;

        }

    printf("\nprocess \t burst\_time \t turn\_around\_time \t waiting\_time\n");

    for ( i = 0; i < n; i++)

    {

        wt[i] = tat[i] - bt[i];

        awt = awt+wt[i];

        atat =atat+tat[i];

        printf("\n%d\t%d\t\t%d\t\t%d",i+1,bt[i],tat[i],wt[i]);

    }

    awt = awt/n;

    atat=atat/n;

    printf("Average waiting time =  \t %.2f \n",awt);

    printf("Average turn around time = \t %.2f \n",atat);

}

**ROUND ROBIN IN PYTHON:**

import math

bt=[]   # burst time

wt=[]   # waiting time

tat=[]   # time around time

rem\_bt=[]   # remaining burt time

awt = 0

atat = 0

sq = 0

count = 0

# n ,no. of process

# qt , quantum time

# count , about process

# awt , average wait time

# atat , average turn around time

# i , for loop

# temp & sq are temporary variable

n = int(input("enter number of process:  "))

print("enter burst time of process:  ")

for i in range (0,n):

    err = int(input())

    bt.append(err)

    rem\_bt = bt

print(bt)

qt=int(input("Enter Quantum time:  "))

for i in range (0,n):

    temp = qt

    if (rem\_bt[i]==0):

        count += 1

        continue

    if (rem\_bt[i] > qt):

        rem\_bt[i]=rem\_bt[i] - qt

    else:

        if (rem\_bt[i] >= 0):

            temp = rem\_bt[i]

            rem\_bt[i] = 0

    sq = sq + temp

    tat.append(sq)

    if (n == 0):

        print("there is no process")

        break

print("\nprocess\t\tburst\_time\tturn\_around\_time\twaiting\_time\n")

for i in range (0,n):

    wt.append(tat[i] - bt[i])

    awt =( awt+wt[i])

    atat=(atat+tat[i])

    print("\n",i+1,"\t\t",bt[i],"\t\t\t",tat[i],"\t\t\t",wt[i])

try:

    awt = awt/n

    print("Average waiting time =\t ",round(awt,2))

    atat=atat/n

    print("Average turn around time =\t ",atat)

except ZeroDivisionError as e:

    print(n)