Code for Priority Scheduling:-

get_wt_time(wt)

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# Python3 implementation for Priority Scheduling with different Arrival Time priority scheduling
"""1. sort the processes according to arrival time
 2. if arrival time is same the acc to priority
 3. apply fcfs """
totalprocess = 5
proc = []
for i in range(5):
  I = []
  for j in range(4):
    I.append(0)
  proc.append(l)
# Using FCFS Algorithm to find Waiting time
def get_wt_time( wt):
  # declaring service array that stores cumulative burst time
  service = [0] * 5
  # Initialising initial elements of the arrays
  service[0] = 0
  wt[0] = 0
  for i in range(1, totalprocess):
    service[i] = proc[i - 1][1] + service[i - 1]
    wt[i] = service[i] - proc[i][0] + 1
    # If waiting time is negative, change it to zero
    if(wt[i] < 0):
       wt[i] = 0
def get_tat_time(tat, wt):
  # Filling turnaroundtime array
  for i in range(totalprocess):
    tat[i] = proc[i][1] + wt[i]
def findgc():
  # Declare waiting time and turnaround time array
  wt = [0] * 5
  tat = [0] * 5
  wavg = 0
  tavg = 0
  # Function call to find waiting time array
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# Function call to find turnaround time
  get tat time(tat, wt)
  stime = [0] * 5
  ctime = [0] * 5
  stime[0] = 1
  ctime[0] = stime[0] + tat[0]
  # calculating starting and ending time
  for i in range(1, totalprocess):
    stime[i] = ctime[i - 1]
    ctime[i] = stime[i] + tat[i] - wt[i]
  print("Process_no\tStart_time\tComplete_time","\tTurn_Around_Time\tWaiting_Time")
  # display the process details
  for i in range(totalprocess):
    wavg += wt[i]
    tavg += tat[i]
    print(proc[i][3], "\t\t", stime[i], "\t\t", end = " ")
    print(ctime[i], "\t\t", tat[i], "\t\t\t", wt[i])
  # display the average waiting time and average turn around time
  print("Average waiting time is : ", end = " ")
  print(wavg / totalprocess)
  print("average turnaround time: ", end = "")
  print(tavg / totalprocess)
# Driver code
if name ==" main ":
  arrivaltime = [1, 2, 3, 4, 5]
  bursttime = [3, 5, 1, 7, 4]
  priority = [3, 4, 1, 7, 8]
  for i in range(totalprocess):
    proc[i][0] = arrivaltime[i]
    proc[i][1] = bursttime[i]
    proc[i][2] = priority[i]
    proc[i][3] = i + 1
  # Using inbuilt sort function
  proc = sorted (proc, key = lambda x:x[2])
  proc = sorted (proc)
  # Calling function findgc for finding Gantt Chart
  findgc()
```