**package** a.a.c;

**import** java.util.Scanner;

**public** **class** UberTime {

**public** **static** **void** main(String[] args)

{

**int** Starting\_Time,Time\_Travel=0,Current\_Time,Waiting\_Time=0;

Scanner sc=**new** Scanner(System.*in*);

System.*out*.println("enter the no. of trips");

**int** n=sc.nextInt();

System.*out*.println("enter the starting time for each trips");

**int** ready[]= **new** **int**[n];

**for**(**int** i=0;i<n;i++) //{4800,10000,18000,24000}

ready[i] =sc.nextInt(); //array for ready time of passenger

System.*out*.println("enter the time for each trips");

**int** trip[]= **new** **int**[n];

**for**(**int** i=0;i<n;i++) //{5000,7000,4000,8000}

trip[i] =sc.nextInt(); //array for trip time of each passenger

System.*out*.println("enter the cancellation time for each trips");

**int** cancel[]= **new** **int**[n];

**for**(**int** i=0;i<n;i++) //{5100,10300,19000,25000}

cancel[i] =sc.nextInt(); /\* array for cancellation time of each passenger \*/

Starting\_Time=ready[0]; //initialize starting time of cab

Current\_Time=Starting\_Time; //initialize current time

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

{

**if**(Current\_Time>cancel[i]) /\* condition to chk if current time is greater than cancel, then ride is cancelled \*/

{

System.*out*.println("-1");

}

**else** **if**(Current\_Time<ready[i])

{

Current\_Time=Current\_Time + Time\_Travel;

Waiting\_Time=ready[i] - Current\_Time;

Time\_Travel=Time\_Travel + trip[i] + Waiting\_Time;

}

**else** **if**((Current\_Time>ready[i])&&(Current\_Time<cancel[i]))

{

Current\_Time=Current\_Time + Time\_Travel;

Waiting\_Time=Current\_Time;

Time\_Travel=Time\_Travel + trip[i] + Waiting\_Time;

}

}

If(Time\_Travel<86400)

System.*out*.println(Time\_Travel);

}

}