**Source code:**

import java.util.\*;

abstract class staff

{

Scanner sc=new Scanner(System.in);

String name;

int id;

void read()

{

System.out.println("Enter the name and id of the staff member:");

name=sc.next();

id=sc.nextInt();

}

void write()

{

System.out.println("The name of the staff is "+name+" and its id is "+id);

}

abstract void showleaves();

}

class teacher extends staff

{

Scanner sc=new Scanner(System.in);

String sub;

int exp;

void read()

{

super.read();

System.out.println("Enter the subject and experience of the teacher:");

sub=sc.next();

exp=sc.nextInt();

}

void write()

{

super.write();

System.out.println("The subject is "+sub+" and experience is "+exp);

}

void showleaves()

{

System.out.println("The total leaves can be taken is 15");

}

}

class typist extends staff

{

Scanner sc=new Scanner(System.in);

int speed,exp1;

void read()

{

super.read();

System.out.println("Enter the speed and experience of the typist:");

speed=sc.nextInt();

exp1=sc.nextInt();

}

void write()

{

super.write();

System.out.println("The speed is "+speed+" and experience is "+exp1);

}

void showleaves()

{

System.out.println("The total leaves can be taken is 10");

}

}

class regular extends typist

{

Scanner sc=new Scanner(System.in);

int sal;

void read()

{

super.read();

System.out.println("Enter the salary of the typist:");

sal=sc.nextInt();

}

void write()

{

super.write();

System.out.println("The salary of the typist is "+sal);

}

}

class casual extends typist

{

Scanner sc=new Scanner(System.in);

int days,wages;

void read()

{

super.read();

System.out.println("Enter the no. of days and daily wages given to the typist:");

days=sc.nextInt();

wages=sc.nextInt();

}

void write()

{

super.write();

System.out.println("The salary of the typist is "+days\*wages);

}

}

class officer extends staff

{

Scanner sc=new Scanner(System.in);

String c;

String pos;

void read()

{

super.read();

System.out.println("Enter the class and position of the officer:");

c=sc.next();

pos=sc.next();

}

void write()

{

super.write();

System.out.println("The class of the officer is "+c+" and his position is "+pos);

}

void showleaves()

{

System.out.println("The total leaves can be taken is 20");

}

}

class inheri

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

int ch;

do

{

System.out.println("1.Teacher\n2.Regular typist\n3.Casual typist\n4.Officer\n5.Exit");

System.out.println("Enter your choice:");

ch=sc.nextInt();

switch(ch)

{

case 1:teacher t= new teacher();

t.read();

t.write();

t.showleaves();

break;

case 2:regular r=new regular();

r.read();

r.write();

r.showleaves();

break;

case 3:casual c=new casual();

c.read();

c.write();

c.showleaves();

break;

case 4:officer o=new officer();

o.read();

o.write();

o.showleaves();

break;

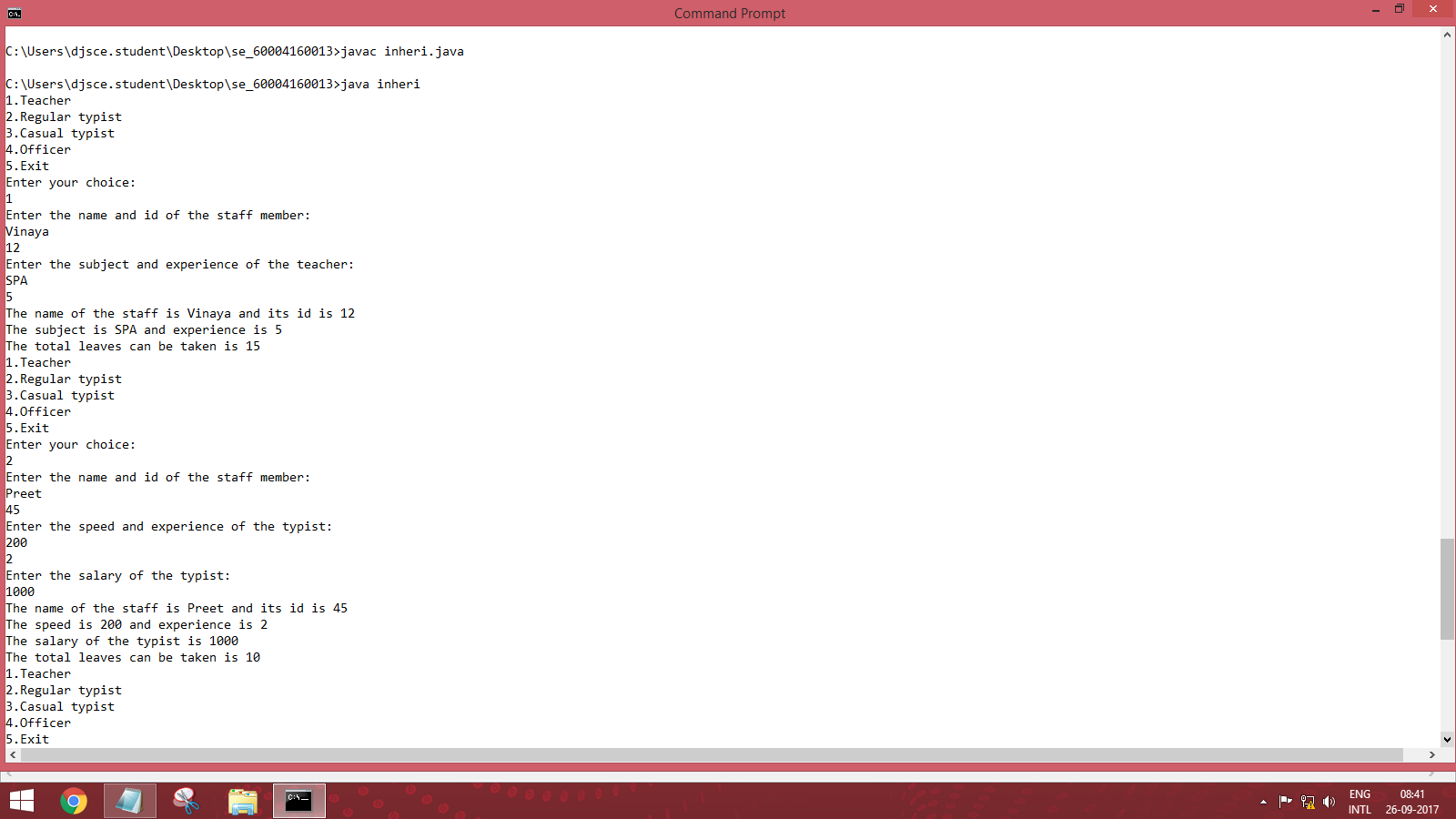
}

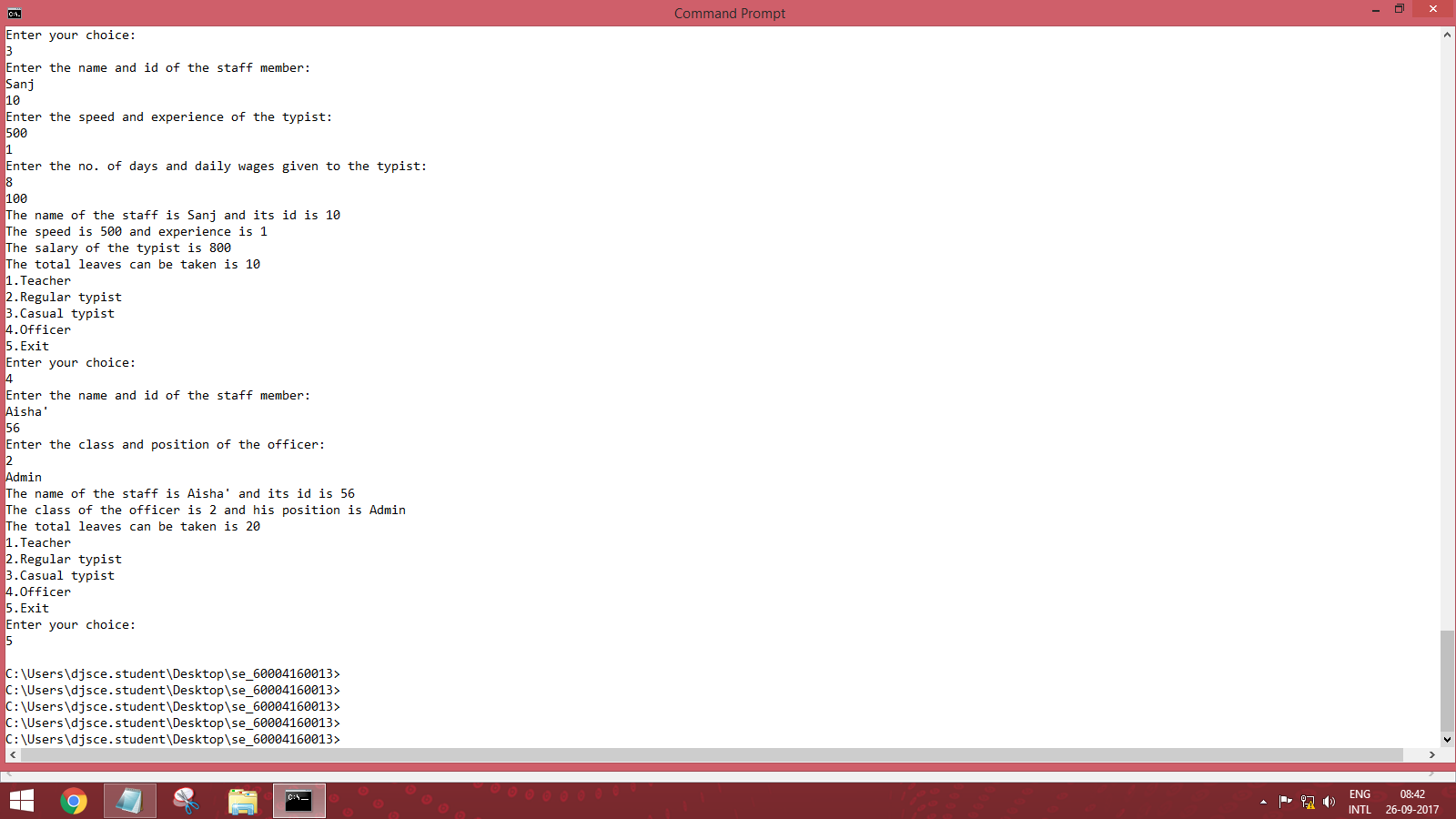
}while(ch!=5);

}

}

**Output:**

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