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class NotEligibleException extends Exception {
    NotEligibleException (String s){
        super(s);
    }
}

class companyJobRepository {
    static String getJobPrediction(int age,String highestQualification)throws
    NotEligibleException {
        if (age<19){
            throw new NotEligibleException("you are underage for any job");
        }else if(age>=21 && highestQualification.equals("B.E")) {
            return "We have openings for junior developer";
        } else if(age>=26 &&
            highestQualification.equals("M.S")||highestQualification.equals("PhD")) {
            return "We have openings for senior developer";
        }else if(age>=19 &&
            !(highestQualification.equals("B.E")||highestQualification.equals("PhD")||highestQualifica
            tion.equals("M.S"))) {
            throw new NotEligibleException("We do not have any job that
            matches your qualifications");
        }else
            return "Sorry we have no openings for now";
        }
    public String searchForJob(int age,String highestQualification)throws
    NotEligibleException {
        String message="";
        if (age>=200||age<=0) {
            throw new NotEligibleException("The age entered is not
            typical for a human being ");
        }try {
            message=companyJobRepository.getJobPrediction(age,
            highestQualification);
        }catch(NotEligibleException ex) {
            message= ex.toString();
        }
        return message;
    }
    public static void main(String[] args)throws Exception {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter the age: ");
        int age=sc.nextInt();
        System.out.print("Enter the highest Qualification: ");
        String highQ=sc.next();
        companyJobRepository c=new companyJobRepository();
        try {
            System.out.print(c.searchForJob(age,highQ));
        }catch(NotEligibleException ex) {
            System.out.println(ex);
        }
        sc.close();
    }
}

```