Task 3 ( SIS)

1. select s.first_name ,sum(amount)
   from students s
   join payments p
   on s.student_id=p.student_id
   where s.student_id=2

2. select c.course_name, count(e.student_id)
   from courses c
   left join Enrollments e on c.course_id=e.course_id
   group by c.course_id

3. select s.first_name
   from students s
   left join enrollments e
   on s.student_id=e.student_id
   where e.student_id is null;

4. select s.first_name, s.last_name, c.course_name
   from students s
   join enrollments e on s.student_id = e.student_id
   join courses c on e.course_id = c.course_id;

5. select t.first_name,c.course_name
   from teacher t
   join courses c on
   c.teacher_id=t.teacher_id

6. select s.first_name,e.enrollment_date
   from students s
   join enrollments e on s.student_id = e.student_id
   join courses c on
   e.course_id = c.course_id
   where c.course_id=2

7. select s.first_name
   from students s
   left join payments p
   on s.student_id=p.student_id
   where p.student_id is null

8. select c.course_name
   from courses c
   left join enrollments e
   on c.course_id=e.course_id
   where e.course_id is null

9. select s.first_name
   from enrollments e1
   join enrollments e2 on e1.student_id = e2.student_id
   join students s on e1.student_id = s.student_id
   where e1.course_id <> e2.course_id
   group by s.first_name
   having count(distinct e1.course_id) > 1;

10. select t.first_name
    from teacher t
    left join courses c on
    t.teacher_id=c.teacher_id
    where c.teacher_id is null