**Group projects**

Here are some tips and suggestions for each project:

**Group 1: A To Do App**

* Create a user interface that allows users to create and manage tasks
* Use RecyclerView to display the list of tasks
* Add the ability to edit and delete tasks
* Use Room Persistence Library to store the tasks in a local database
* Allow users to set reminders and due dates for their tasks

**Group 2: An Art Space App**

* Create a user interface that showcases different pieces of artwork
* Use RecyclerView to display the list of artworks
* Allow users to filter artworks by artist, medium, and style
* Use Retrofit library to fetch data from an API that provides information on the artworks
* Allow users to save their favorite artworks

**Group 3: A Birthday App**

* Create a user interface that allows users to create and manage birthdays
* Use RecyclerView to display the list of birthdays
* Add the ability to edit and delete birthdays
* Use Room Persistence Library to store the birthdays in a local database
* Allow users to set reminders for upcoming birthdays

**Group 4: A Notes App**

* Create a user interface that allows users to create and manage notes
* Use RecyclerView to display the list of notes
* Add the ability to edit and delete notes
* Use Room Persistence Library to store the notes in a local database
* Allow users to customize the appearance of their notes with different shapes, sizes, and colors

**Group 5: A Recipe App**

* Create a user interface that showcases different recipes
* Use RecyclerView to display the list of recipes
* Allow users to filter recipes by cuisine, dietary restrictions, and ingredients
* Use Retrofit library to fetch data from an API that provides information on the recipes
* Allow users to save their favorite recipes

**Group 6: A 10 Days App**

* Choose a topic that you are interested in and want to share tips about
* Create a user interface that displays a list of tips
* Use RecyclerView to display the list of tips
* Add the ability to share the tips with others
* Allow users to set reminders for the tips they want to implement

**Group 7: A Tip Calculator App**

* Create a user interface that allows users to calculate tips
* Use EditText to get the amount of the bill
* Use SeekBar to allow users to choose the percentage of the tip
* Display the total amount, including the tip
* Allow users to split the bill among multiple people

**Group 8: A Lost & Found App**

* Create a user interface that allows users to post and search for lost items
* Use RecyclerView to display the list of lost items
* Add the ability to filter lost items by location and category
* Use Room Persistence Library to store the lost items in a local database
* Allow users to upload pictures of the lost items

**Group 9: A Superheroes App**

* Create a user interface that showcases different superheroes
* Use RecyclerView to display the list of superheroes
* Allow users to filter superheroes by universe, team, and powers
* Use Retrofit library to fetch data from an API that provides information on the superheroes
* Allow users to save their favorite superheroes