Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Challenge

Create a personal collage using TouchDevelop to introduce you to your classmates.

Directions

1. Model your project after *Collage* *Tutorial* (<http://aka.ms/CollageTutorial>). If you were signed in to TouchDevelop when you followed the tutorial, the completed code should be in one of the scripts in the **my scripts** list. You may want to review that code before you begin.
2. Follow the directions below to create a program from scratch.
3. Go to <http://www.touchdevelop.com/app>.
4. Sign in.
5. Select **Create Script**.
6. Select **blank game**.
7. Provide a meaningful name for your script. (If you are prompted to select a skill level, choose coder.)
8. Delete the existing lines of code.
9. Build a collage that reflects your personality. Your collage must have a minimum of three picture sprites and two text sprites. The program must position the sprites so that all sprites are visible and readable. Your script must run without any errors.

**Note**: Do not use pictures of yourself or include information that identifies you personally (such as your full name or exact location) in your script. Cartoons and/or pictures of things your like are okay. Images and published scripts in TouchDevelop are public. As with all online programs, keep this in mind when publishing information about yourself.

1. As you near completion, use the table below to assess your progress.
2. Answer the reflection questions below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Criteria | Does Not Meet Requirements | Meets Requirements | Exceeds Requirements | Comments |
| Includes three picture sprites |  |  |  |  |
| Includes two text sprites |  |  |  |  |
| Reflects your personality |  |  |  |  |
| All sprites are visible and readable |  |  |  |  |
| Script runs without errors |  |  |  |  |

Reflection

1. Identify a problem you had in creating the personal collage. How did you overcome the problem?

1. Explain how you purposefully used the coordinate system to create an attractive collage.