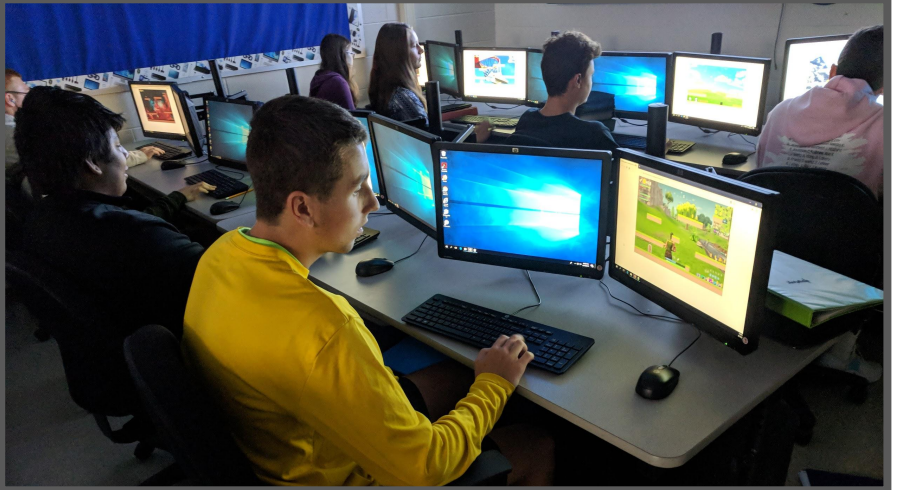# HONORS PROGRAMMING (NV)


```java
//Update number of guesses
guesses++;
System.out.println(rand);
//Read input number from user
int guess = Integer.parseInt(inputBox.
//Check if the answer is correct
//Tell the user if they were right or
if (rand == guess) {
    responseBox.setText("You're Right!
}
else if (rand > guess) {
    responseBox.setText("Higher");
}
else {
```


PROGRAM OVERVIEW

In Honors Programming students learn and practice key computer science concepts by designing and developing web and desktop applications. Students develop object-oriented programming concepts while focusing on web app development. Students will design, create, install, test, and modify their own desktop and web applications on different devices and operating systems. Students will also learn database management and administration to run the back-end of applications. Honors Programming provides a solid background for students pursuing a career in the lucrative and rapidly expanding world of computer programming and software development.

PROGRAM HIGHLIGHTS

Learn programming logic and design while creating applications
Design projects for business and personal use
Learn to create full-stack web apps from scratch
Develop lucrative database administration and data analysis skills

PROGRAM CAREERS

Prepared for immediate employment in Computer Programming and Software Development and further education for Database Administration and IT Project Manager.

PROGRAM OPPORTUNITIES

College Credit
AP Credit
Scholarships

COLLEGE CREDIT

College Credit Options Available:
Web Design
AP Computer Science A

Questions

For more information about Honors Programming, contact John Word, instructor, at 419-824-8570 ext. 5145 or by email at jword@sylvaniaschools.org.