

## MODULE 5: FINAL CHALLENGE

### WHERE CAN I GO FROM HERE?

Thanks to developments in computer programming, we don't need to use binary on a regular basis. But it's interesting to know how computers work behind the scenes!

What you've learned today about converting numbers to different forms, is also a very basic form of encryption. Security is extremely important in technology, and we rely on encryption to keep our money, homes, cars, and even school lockers, safe.

If encryption and decryption are of interest to you, there are lots of activities available. For example, you can create secret code messages to send to your friends for decoding (and vice versa). Happy decrypting!

**CONGRATULATIONS, YOU'VE MADE IT!** How about one last challenge?

### FINAL CHALLENGE

Use your newfound hexadecimal knowledge to create a coded message!

1. Write a message with words.
2. Convert the words from letters to binary, and into hexadecimal.
3. See if you can decode it yourself. Did you get it right?
4. Share the message! See if someone else can decode it.

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