A-Level Computer Science
Bridging Work

Create an account on <u>replit.com</u>. This is an online IDE where you can write programs in lots of different languages.

We will be programming in Python mainly during the course. Over the summer I would like you to get to know Python by trying some of these programs below. You should be able to find lots of guides to get you up to speed with the syntax online.

1. Write a program to calculate sum of digits of a number.
2. Write a program to enter a number and print its reverse.
3. Write a program to check whether a number is palindrome or not.
4. Write a program to enter a number and print it in words.
5. Write a program to find all factors of a number.
6. Write a program to find HCF (GCD) of two numbers.
7. Write a program to check whether a number is Prime number or not.
8. Write a program to print all Prime numbers between 1 to n.
9. Write a program to find sum of all prime numbers between 1 to n.
10. Write a program to find all prime factors of a number.

Good luck.

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