

Lesson 6: Representing Text

Data representation

Computing

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Materials from the Teach Computing Curriculum created by the National Centre for Computing Education



ASCII conversions



The ASCII table (abbreviated)

A. 0100 0001

B. 0100 0010

C. 0100 0011

D. 0100 0100

E. 0100 0101

F. 0100 0110

G. 0100 0111

H. 0100 1000

I. 0100 1001

J. 0100 1010

K. 0100 1011

L. 0100 1100

M. 0100 1101

N. 0100 1110

O. 0100 1111

P. 0101 0000

Q. 0101 0001

R. 0101 0010

S. 0101 0011

T. 0101 0100

U. 0101 0101

V. 0101 0110

W. 0101 0111

X. 0101 1000

Y. 0101 1001

Z. 0101 1010

SPACE 0010 0000



Task 1

Use the abbreviated ASCII table provided to write your first name in binary.

Explorer task (optional)

Write your surname too!



Task 2

Use your abbreviated ASCII table to decode this message!

```
01001001 00100000 01001100 01001111 01010110 01000101 00100000  
01000011 01001111 01001101 01010000 01010101 01010100 01001001  
01001110 01000111
```

