

Exercise 3.2

English text!

Code snippet 1: Matlab script for exercise 3.2

```
g = [1 1 1 1 0 0 0 0];
pol = cyclpoly(8,5);
[parmat,genmat,k] = cyclgen(8,pol);
genmat

if genmat(1,:) == g
    disp('Equal')
else
    disp('Not equal')
end

valid_code = encode(m, 8, 5, 'cyclic', pol)
```