## Power crazy

## Problem sheet 2

## What an odd fact(or)

Can you show that  $1^{99} + 2^{99} + 3^{99} + 4^{99} + 5^{99} + 6^{99} + 7^{99} + 8^{99} + 9^{99} + 10^{99}$ is divisible by 5?