CSL202: Discrete Mathematical Structures (Se	mester-I-2018-19)
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	Name:
	Entry number:
There are 1 questions for a total of 6 points.	

1. (6 points) Prove or disprove: Given any 17 natural numbers, it is possible to choose 5 whose sum is divisible by $\overline{5}$.

2. (4 points) Prove or disprove: For any positive integer n, $n^5 - 5n^3 + 4n$ is always divisible by 5.