AB-10: Finding gradient	, divergent, curl and	their geometrical	interpretation.

2. Write a python program to find divergence of $\vec{F} = x^2 y \hat{i} + y z^2 \hat{j} + x^2 z \hat{k}$.

3. Write a python program to find curl of $\vec{F} = xy^2\hat{i} + 2x^2yz\hat{j} - 3yz^2\hat{k}$.

1. Write a python program to find gradient of $\phi = x^2 vz$.