**ProdduturuAneeshPavanHW21CS6001**

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**Q:**

**How do we color a box using an attribute wrangle random expression in Houdini SideFX?**

**A:**

* Make network pane geometry out of objects and add one box to it.
* Add an Attribute wrangle node, we can directly write an expression to color the object.
* To color a box from the attribute wrangle node, we can write the expression in the parameter pane of the Attribute wrangle node.
* There are many ways of randomly colouring the object in the expression, any one of these can be used to randomly colour
  + v@Cd= rand($F);
  + v@Cd= rand(@Frame);
  + v@Cd= rand(@ptnum);
  + v@Cd= rand(@N);

