1 Description of air purifier class

1.) What should be instance variables?

model   :   stores model name.

serialNo   :   stores keep serial number.

speed   :   store the current speed.

power   :   store the current power state.

2.) What should be instance methods?

setSpeed(int)   :   sets the speed of fan in air purifier when it is turn on.

turnOn()   :   turn air purifier on.

turnOff()   :   turn air purifier off.

TurnOnTime(int)   :   turn air purifier on in specified time.

TurnOffTime(int)   :   turn air purifier off in specified time.

AirPurifier(String, String):   sets model and serial number.

3.) What should be class variables?

 PopColour   :   holds the most popular color.

4.) What should be the class methods?

mostmade()   :   holds the brand that produces the most.

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2 What is needed as input and what is to be returned?

Methods/Variable	input	output	notes
setSpeed	int	void	int = (1-100)
turnOn	none	void	
turnOff	none	void	
TurnOnTime	int	void	
TurnOffTime	int	void	
mostmade	none	string	
AirPurifier	String, String	none	constructor
model	none	string	
serialNo	none	string	
speed	none	int	
power	none	boolean	
PopColour	none	string	

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