```
function harv(power)
power = 10
y1=0.09*power+0.091;
y2=0.09*power+0.91;
y3=0.09*power+9.1;
y4=0.09*power+91;
X1 = ['for photovoltaic (outdoor) and thermical the harvester size is
 ', num2str(y1),' mm'];
disp(X1)
X2 = ['for vibration/motion the harvester size is ', num2str(y2),'
 mm'];
disp(X2)
X3 = ['for photovoltaic (indoor), air flow and thermal the harvester
 size is ', num2str(y3),' mm'];
disp(X3)
X4 = ['for electromagnetic the harvester size is ', num2str(y4),'
 mm'];
disp(X4)
end
```

```
power =

    10

for photovoltaic (outdoor) and thermical the harvester size is 0.991
 mm
for vibration/motion the harvester size is 1.81 mm
for photovoltaic (indoor), air flow and thermal the harvester size is
 10 mm
for electromagnetic the harvester size is 91.9 mm
```

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