```
% Q6

x = 9.8^(-201);
y = 10.2^(-199);
z = sqrt(x^2+y^2)/y;    % Eq. 1
z
w = sqrt((x/y)^2+1);    % Eq. 2
w
disp("Eq. 2 is better in terms of the power of resisting underflow.")
```

```
z =

     0


w =

   29.8701

Eq. 2 is better in terms of the power of resisting underflow.
```

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