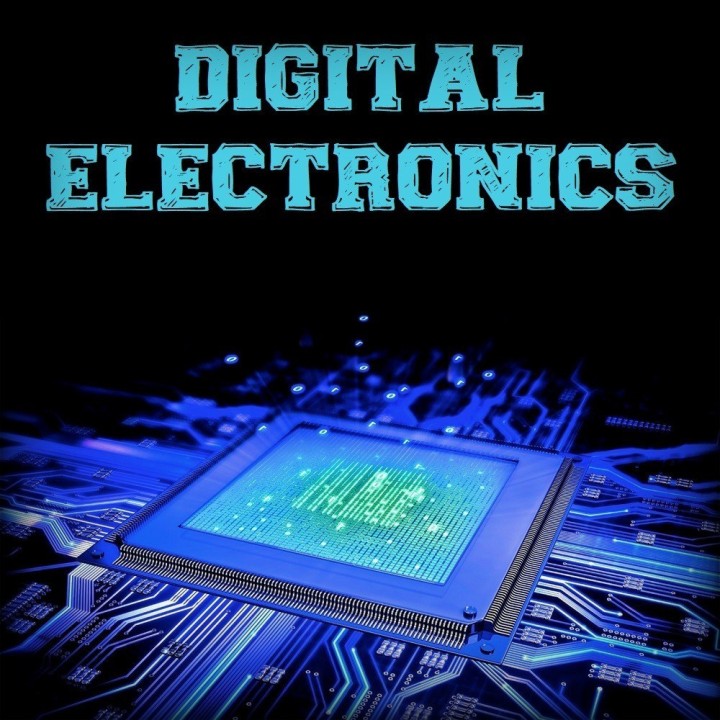
***Abanob Evram***

***Assignmen4***



A white paper with black text

Description automatically generated **[****Q1]**

**The design code:**

A screen shot of a computer program

Description automatically generatedA screen shot of a computer code

Description automatically generated

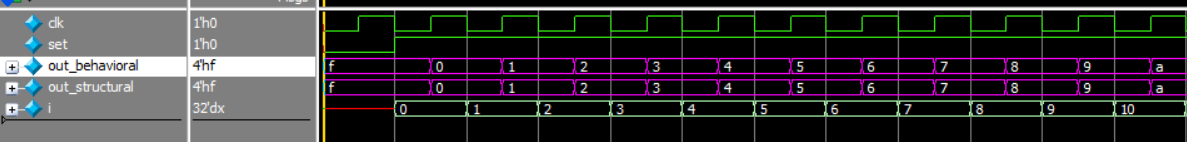
**The testbench code:**

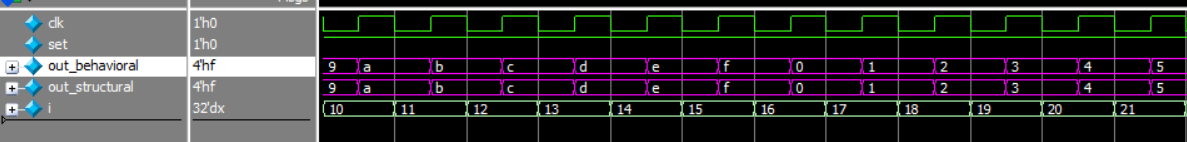
A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated**The do file code:**





A close up of text

Description automatically generated**[Q2]**

A screen shot of a computer code

Description automatically generated**The design code:**

A screen shot of a computer program

Description automatically generated**The testbench code:**

A screenshot of a video game

Description automatically generated

A white paper with black text

Description automatically generated**[Q3]** A diagram of a computer

Description automatically generated

A screen shot of a computer code

Description automatically generated**The design code (first design):**

A screen shot of a computer code

Description automatically generated

A screen shot of a computer program

Description automatically generated

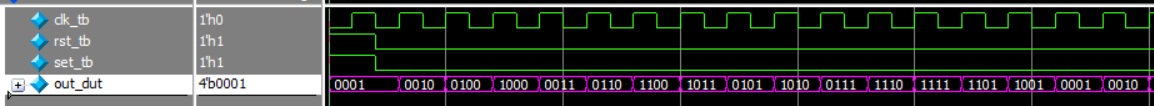
**The design code (second design):**

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated**The testbench code:**



**[Q4]**

A screenshot of a computer

Description automatically generated

**The design code (first design):**

A screen shot of a computer program

Description automatically generated

**The design code (second design):**

A screenshot of a computer program

Description automatically generated

**The testbench code:**

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**[Q5]**

A white paper with black text

Description automatically generated

**The design code:**

A screen shot of a computer code

Description automatically generated

**The testbench first code:**

A computer screen shot of a program code

Description automatically generated

**The testbench second code:**

A computer screen shot of a program code

Description automatically generated

**Wave of shifting right:**

A black and green grid with white numbers

Description automatically generated

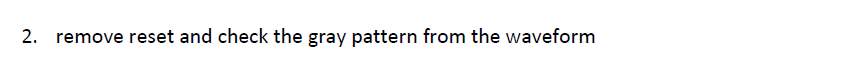
**Wave of shifting left:**

A black and green screen with numbers

Description automatically generated

A screenshot of a computer program

Description automatically generated**[Q6]**

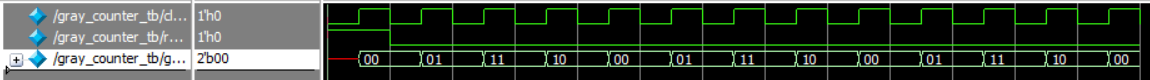


**The design code:**

A computer screen shot of a program code

Description automatically generated

**The testbench first code:**

A screen shot of a computer program

Description automatically generated