**STEP 1: FLOWCHART**

Start

[1] Wake up!!!

Is it uniform day?

[4] Pack school bag

[5] Have breakfast

[6] Brush your teeth

Are your teeth clean?

[7] Get out of the house and lock the door

Stop

y = Yes

n = No

[2] Take a shower

0 = No

[3] Wear uniform

1 = Yes

[3] Wear casual clothing

[8] Head to school

(Program continues)

**STEP TWO: Pseudocode**

/\*

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\*DATE <2018>

\*NAME <My morning routine >

\*DESCRIPTION <User responds to outputted prompts in order to complete the morning routine for getting ready for school>

\*ARGUMENTS <write here>

\*RETURNS <write here>

\*NOTES <Dear user: follow instructions cautiously and precisely, thanks. Just input through the keyboard the required field asked>

\*CHANGE HISTORY <2018>

\*/

#include <iostream>

#include <string>

using namespace std;

int main()

{

char cleanteeth='N';

int uniformday;

string wearuniform;

cout<<"\n"<<"### MORNING ROUTINE PROCEDURE ###"<<"\n--Press ENTER to begin procedure--";

cin.get();//only continues program at the press of the enter key

{

cout<<"\n"<<"[1] WAKE UP!!!"<<"\n--Press ENTER once you are awake--";

cin.get();//only continues program at the press of the enter key

cout<<"\n[2] TAKE A SHOWER"<<"\n--Press ENTER once you have finished taking a shower--";

cin.get();

//To wear or not to wear your uniform today

cout<<"\n>>QUESTION: Is it uniform day?"<<"\n--Press '1' for yes... Press '0' for no--"<<endl;

cin>>uniformday;

}

{if (uniformday ==1)

wearuniform="\n[3] WEAR UNIFORM";

else

wearuniform="\n[3] WEAR CASUAL CLOTHING";

cout<<wearuniform;

}//end if loop

cin.ignore(); //to allow the continued press of enter key

cout<<"\n--Press ENTER once you are finished dressing up--";

cin.get();

cout<<"\n[4] PACK SCHOOL BAG"<<"\n--Press ENTER once you have finished packing your bag--";

cin.get();

cout<<"\n[5] HAVE BREAKFAST"<<"\n--Press ENTER once you have had your breakfast--";

cin.get();

while (cleanteeth == 'n' || cleanteeth == 'N' )

{

cout<<"\n[6] BRUSH YOUR TEETH"<<"\n--Press ENTER once you are done--";

cin.get();

//Are teeth clean?

cout<<"\n>>QUESTION: Are your teeth clean?"<<"\n--Press Y (yes) or N (no)--"<<endl;

cin>>cleanteeth; //change control variable

}//end while loop

cin.ignore(); //to allow the continued press of enter key

cout<<"\n"<<"[7] GET OUT OF THE HOUSE AND LOCK THE DOOR"<<"\n--Press ENTER if you are outside your house and have already locked the door--";

cin.get();

cout<<"\n[8] HEAD TO SCHOOL."<<endl;

return 0;

}