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/*
Name: Larry Nguyen
Lab #5
Date : 02/04/2020
Description: This program creates an interactive story.
*/

#include<stdio.h>
#include <math.h>
int main()
{
    //Variable names
    char name[20],color[20],holiday[30],person[20],bestfriend[20],olditem[10];
    int age;

    //printf statements and scanf statements to gather info
    printf("What is your first name? ");
    scanf("%s",name);

    printf("How old are you? ");
    scanf("%d",&age);

    printf("What is your favorite primary color? ");
    scanf("%s",color);

    printf("Which is better for gifts, Birthday or Christmas? ");
    scanf("%s",holiday);

    printf("Who is your favorite parent, Mom or Dad? ");
    scanf("%s",person);

    printf("What is your best friend's first name? ");
    scanf("%s",bestfriend);

    printf("What is an old item you own? ");
    scanf("%s",olditem);

    //use pointer array for generating random items
    srand (time(NULL));
    char *randItem[]={"wallet","laptop","watch","desktop computer","Smart Phone"};
    //unique items
    char *uniqueEnd[]={"ended up losing their","ended up upgrading/replacing their","ended up handing down their old","had ended up throwing
away their"};
    //unique ending

    ///object randomization
    int index=rand()%5;
    ///output interactive story
    printf("%s is a %d year old who likes their %s %s.\n",name,age,color,randItem[index]);
    printf("%s received a brand new %s for %s.\n",name,randItem[index],holiday);
    printf("%s got the gift from their %s after they went out to eat with %s.\n",name,person,bestfriend);
    printf("%s %s %s.\n",name,uniqueEnd[index],olditem);
    return 0;
}

```