

Homework 4 - Make

1./2.

```
#Makefile for HW4
#call make -f makefile
all:app
```

```
HastaLaVistaBabyworld:app
```

```
app: main.o print.o credit.o
    g++ main.o HastaLaVista.o print.o credit.o
```

```
main.o: main.c HastaLaVistaBaby.h
    g++ main.c
```

```
print.o: print.c HastaLaVistaBaby.h
    g++ print.c
```

```
credit.o: credits.c HastaLaVistaBaby.h
    g++ credits.c
```

```
clean:
```

```
    rm *.o all HastaLaVistaBabyworld app main.o print.o credit.o
```

3. It will only recompile HastaLaVistaBaby.h back into the object file and relink all of the objects files in app. It does this by first comparing the timestamp and then calling the target file, in which case it calls all of app which calls main.o, print.o, and credit.o which all uses HastaLaVistaBaby.h as a dependency.

4. It will only recompile print.c back into the object file and relink all of the objects files in app. It does this by first comparing the timestamp and then calling the target file. In this case it will call print.o which uses the dependency of print.c.

5. It will recompile print.c and credits.c back into the object file and relink all of the objects files in app. It does this by first comparing the timestamp and then calling the target file. In this case it will call print.o and credit.o which uses the dependency of print.c and credits.c.