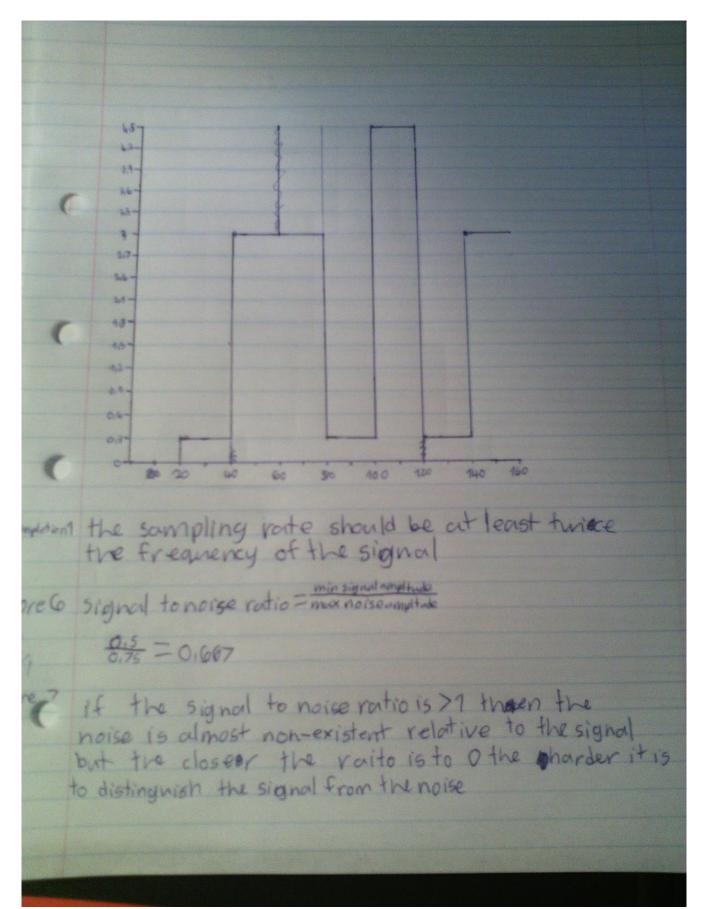
512+256+129+64+382+16+8+4+2+1=891 different volves Core 2 5 - 891 = 0.00506 V = 6 milli volts \$ 5+15=0,333... core3 3.1-2.7 20 25 30 35 40 45 50 65 Time (ms) ore4 T = 50ms = 0,055 1x0.05 = 20 waves per second 1, f = 20Hz 18



```
#include <stdio.h>
#include <time.h>
extern "C" int InitHardware();
extern "C" int ReadAnalog(int ch adc);
extern "C" int Sleep(int sec, int usec);
int main(){
    InitHardware();
   int adc reading;
    adc reading = ReadAnalog(0);
   printf("%d\n", adc_reading);
    Sleep(1,000000);
    adc reading = ReadAnalog(2);
   printf("%d\n", adc reading);
    Sleep(1,000000);
    adc_reading = ReadAnalog(4);
   printf("%d\n", adc_reading);
   Sleep(1,000000);
   return 0;
}
completion 2
recived
4
3
0
```

completion 3

```
core 9
#include <stdio.h>
#include <time.h>
extern "C" int InitHardware();
extern "C" int ReadAnalog(int ch_adc);
extern "C" int Sleep(int sec, int usec);
int main(){
    InitHardware();
    int adc reading;
    int i = 0;
    while (i \leq 5) {
        adc reading += ReadAnalog(0);
        printf("%d\n", adc_reading);
        i += 1;
       Sleep(0,500000);
    if(i = 6){
    adc reading /= 5;
    printf("%d\n", adc_reading);
   return 0;
}
completion 4
#include <stdio.h>
#include <time.h>
extern "C" int InitHardware();
extern "C" int ReadAnalog(int ch adc);
extern "C" int Sleep(int sec, int usec);
int main(){
   InitHardware();
    int adc reading;
    int min = 0;
    int reading = 0;
    int halfRange = 0;
    int i = 0;
    while (i < 5) {
       reading = ReadAnalog(0);
        adc reading += reading;
        if(reading > max) {
            max = reading;
        if(reading < min){</pre>
           min = reading;
        printf("%d\n", "reading"+adc reading);
```

```
i += 1;
    Sleep(0,500000);

if(i = 6) {
    adc_reading /= 5;
    printf("%d\n", "avrage reading"+adc_reading);
    halfRange = max - min;
    halfRange /= 2
    printf("%d\n", "half range"+adc_reading);
}
return 0;
}
```