defines

#define CAT 1

#define DOG 2

#define MOUSE 3

#define CAT\_NAME "Leo"

#define DOG\_NAME "Fido"

#define MOUSE\_NAME "Mickey"

int myAnimal = CAT;

String myAnimalName = CAT\_NAME;

String myOtherCat = DOG; < fails

Sdfsdf

#define SMALL 1

#define MEDIUM 2

#define LARGE 3

#define CAT 10

#define DOG 20

#define MOUSE 30

#define CAT\_SMALL CAT + SMALL

#define CAT\_MEDIUM CAT + MEDIUM

#define CAT\_LARGE CAT + LARGE

#define DOG\_SMALL DOG + SMALL

#define DOG\_MEDIUM DOG + MEDIUM

#define DOG\_LARGE DOG + LARGE

#define MOUSE\_SMALL MOUSE + SMALL

#define MOUSE\_MEDIUM MOUSE + MEDIUM

#define MOUSE\_LARGE MOUSE + LARGE

int myCat = CAT;

int myLargeCat = CAT\_LARGE;

sfsdfsd

sdfsdfsdf

enum Pet {

cat = 10,

dog,

mouse

};

enum {

horse,

cow,

sheep

};

void printPetDetails(Pet thePet) {

switch (thePet) {

case Pet::cat:

Serial.println("cat");

break;

case Pet::dog:

Serial.println("dog");

break;

case Pet::mouse:

Serial.println("mouse");

break;

}

}

int aHorse = horse;

Pet aCat = cat;

Pet aDog = Pet::dog;

printPetDetails(aCat);

printPetDetails(aDog);

printPetDetails(aHorse); < fails.as cannot convert anonymous enum to ‘Pet’.

int x = 2;

printPetDetails(x); < works but really shouldn’t.