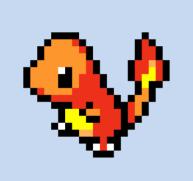
Xilinx Zynq FPGA TI DSP MCU 기반의 프로그래밍 및 회로 설계 전문가



<u>강사 이상훈</u> gcccompil3r@gmail.com

<u>학생 김민호</u> minking12@naver.com



```
#include<stdio.h>
void sum(double *x,double *y,double *res)
{
printf("Vector's sum : ");
int i;
for(i=0;i<3;i++)
{
res[i]=x[i]+y[i];
printf("%lf\n", res[i]);
}
}
void sub(double *x,double *y,double *res)
{
printf("Vector's sub : ");
int i;
for(i=0;i<3;i++)
{
res[i]=x[i]-y[i];
printf("%lf\n", res[i]);
}
}
void inner(double *x,double *y, double res)
{
int i=0;
for(i=0;i<3;i++)
{
res += x[i]*y[i];
}
printf("inner : %lf\n",res);
}
int main()
{
double x[3] = \{3,5,2\};
double y[3] = \{1,7,5\};
double res[3];
double res1;
sum(x,y,res);
sub(x,y,res);
inner(x,y,res1);
return 0;
}
```

Vector > (4) A= (Ax. A3. A2)

B= (Px P3 B2)

A+B= (Ax+Px A+B B+62) 32 M33 = An Ba + BB + Ab Az 

