Binary Search (A, Size, farget) low 36 high=size while (low+1 < Ligh) test = (low thigh) 1/2 (f (A [kut) 7 tanger) high = tut **4/52** 10w=fext if (A(low] == tanget) return low else return -1 Resister usage! \$ to: Base address of A \$61: Length of A \$ { 2 : Low | 9/50: \$77: farget \$ £4: 6196 \$ ES: test \$ ES: Value of A(X); aress of A \$40 + Base address ITEL & Size of H St7 & tanget Value \$+2+ 0 \$43 € St 2 +11 Bt4 + St1 X\$+3 < \$44) 15+3+16+1 \$45 < \$42 + \$44 \$45 < \$+5 // 2 1+6 + Address of A [ ] + S] 5f6 & Value at adduss \$+6 \$16 7867 \$f2 < \$t5 Ste Addres St6 & value at addrss \$6 X46 == \$47 うけ Butput \$47