@RequestMapping(value="/login",method=RequestMethod.GET)

public String login(Model model,HttpServletRequest request) throws Exception{

KeyPair kp = RSAUtil.generateKeyPair();

RSAPublicKey pubk = (RSAPublicKey) kp.getPublic();//生成公钥

RSAPrivateKey prik= (RSAPrivateKey) kp.getPrivate();//生成私钥

String publicKeyExponent = pubk.getPublicExponent().toString(16);//16进制

String publicKeyModulus = pubk.getModulus().toString(16);//16进制

model.addAttribute("pubexponent", publicKeyExponent);//保存公钥指数

model.addAttribute("pubmodules", publicKeyModulus);//保存公钥系数

request.getSession().setAttribute("prik", prik);

return "login";

}

@RequestMapping(value="/login",method=RequestMethod.POST)

public String login( LoginModel lm,HttpServletRequest request,Model model) throws Exception{

RSAPrivateKey prik = (RSAPrivateKey)request.getSession().getAttribute("prik");

StringBuilder pwd = new StringBuilder();

pwd.append(RSAUtil.decryptByPrivateKey(lm.getPassword().toUpperCase(), prik)).reverse();//反转获得的字符串

List<User> users = userService.getByLoginName(lm.getLoginName(),pwd.toString());

model.addAttribute("user", users.get(0));

return "redirect:/home/main";

}

pwd.append(RSAUtil.decryptByPrivateKey(lm.getPassword().toUpperCase(), prik)).reverse();获得字符串需要反转